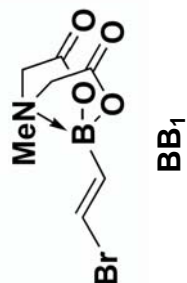


LSJI-2

exp1 s2pul



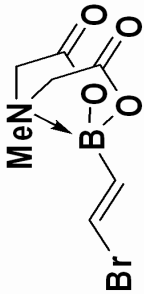
date	Sep 24 2007	dfrq	499.702	DEC. & VT
solvent	CD3CN	dn	H1	
file	exp	dpwr	20	
ACQUISITION		dof	0	
sfrq	499.702	dm	nmn	
tn	H1	chma	c	
at	4.665	dmf	200	
np	65536	dseq		
sw	7024.9	dres	1.0	
fb	4000	homo	n	
bs	4	PROCESSING		
tpwr	63	lb	not used	
pw	6.5	wtfile		
d1	0	proc	ft	
tof	2.0	fn	not used	
nt	16	math	f	
ct	16			
alock	n	werr		
gain	not used	wexp	svf(nl)	
FLAGS		wbs		
il	n	wnt	wft('acq')	
in	n			
dp	y			
hs	nn			
DISPLAY				
sp	37.6			
wp	5413.8			
vs	24			
sc	0			
wc	250			
hzmm	21.66			
is	1284.05			
rfl	1997.3			
rfp	964.4			
th	7			
ins	3.000			
ai	ph			



PCH=CBr(1year 5month old)

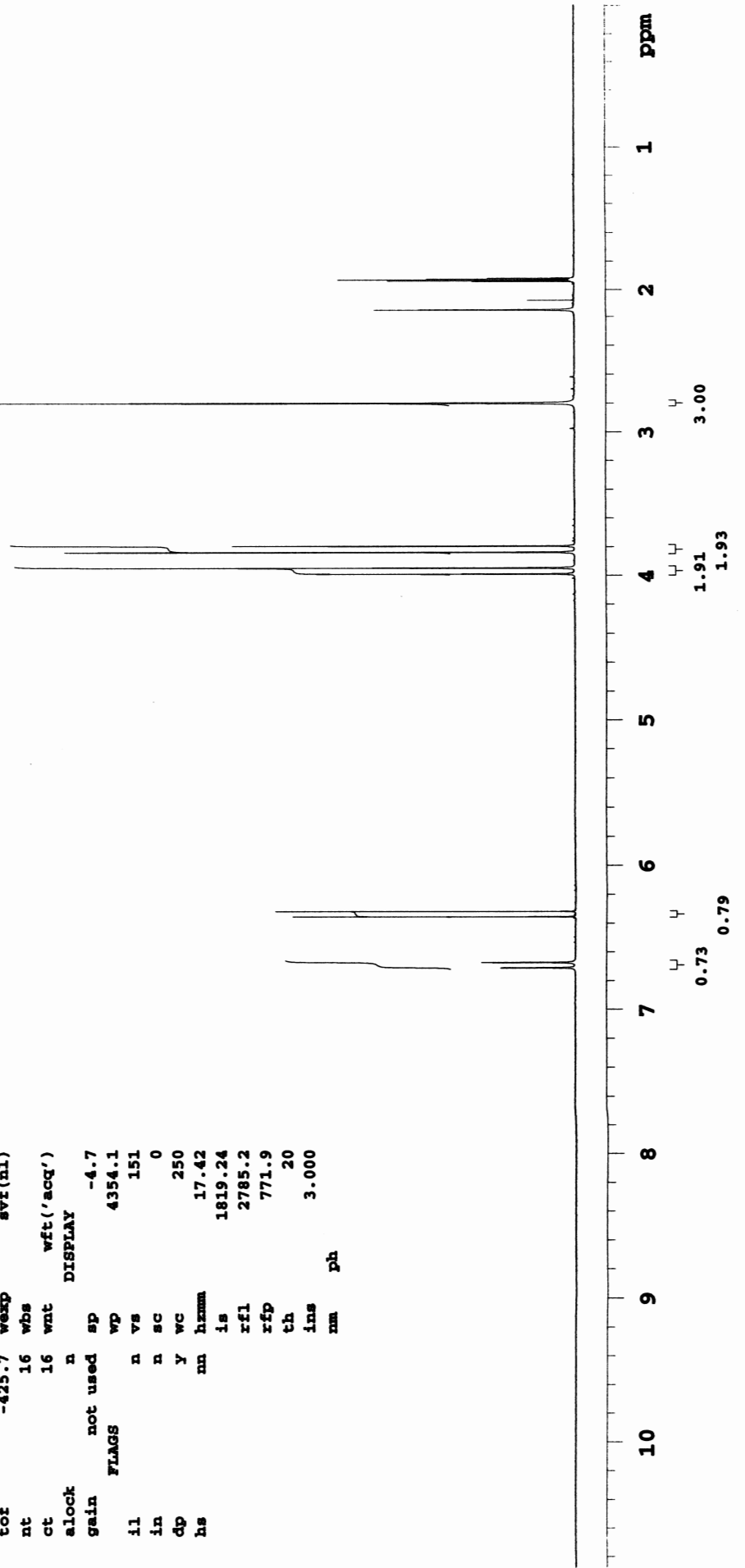
expl stdlh

date	Sep 4 2007	dn	H1
solvent	CD3CN	dof	0
file	exp	dm	nnn
	exp	dm	c
ACQUISITION			
sfrq	399.953	dmf	200
tn	H1	dpwr	20
at	4.096	PROCESSING	
np	65536	lb	not used
sw	8000.0	wtfile	
fb	4400	proc	ft
bs	16	fn	not used
tpwr	63	math	f
pw	5.8		
dl	0	werr	
tof	-425.7	wexp	svf(nl)
nt	16	wbs	
ct	16	wnt	wft('acq')
alock	n	DISPLAY	
gain	not used	sp	-4.7
FLAGS	WP		4354.1
il	n	vs	151
in	n	sc	0
dp	y	wc	250
hs	nn	hzmm	17.42
		is	1819.24
		rfl	2785.2
		rfp	771.9
		th	20
		ins	3.000
		nm	ph



BB₁

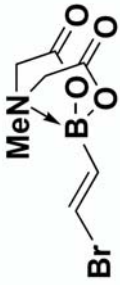
Storage for 1.5 years at 23°C under air



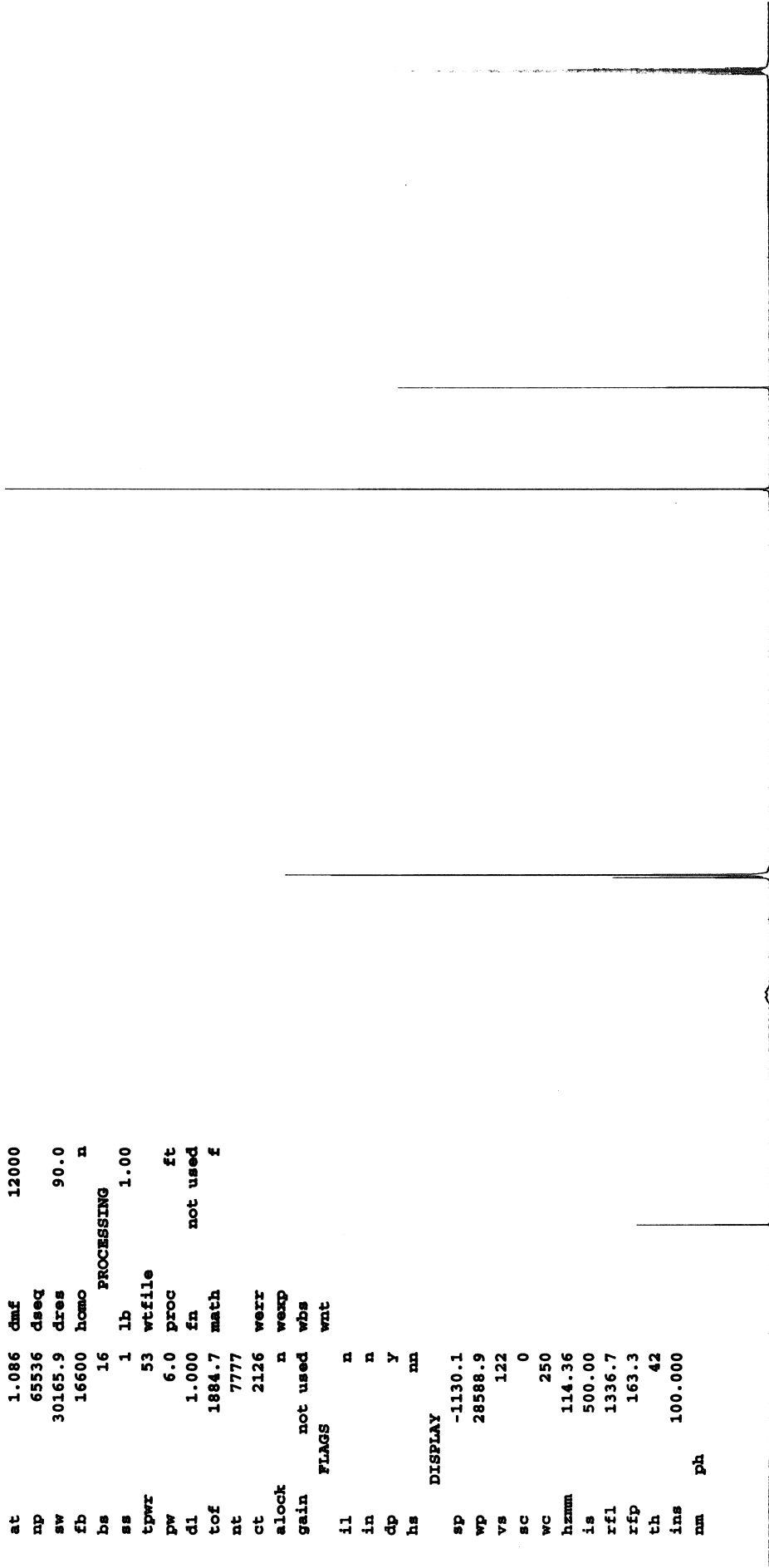
LSJI-2-13C

exp1 s2pul

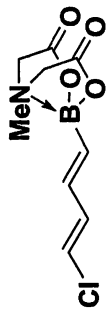
SAMPLE		DEC. & VT	
date	Sep 24 2007	dfrq	499.701
solvent	CD3CN	dn	H1
file	exp	dpwr	44
ACQUISITION		dof	-827.6
sfrq	125.663	dm	YFF
tn	C13	dmm	w
at	1.086	dmf	12000
np	65536	dseq	
sw	30165.9	dres	90.0
fb	16600	homo	n
bs	16	PROCESSING	
ss	1	lb	1.00
tpwr	53	wtfile	
pw	6.0	proc	ft
d1	1.000	fn	not used
tof	1884.7	math	f
nt	7777		
ct	2126	werr	
alock	n	wexp	
gain	not used	wbs	
FLAGS		wnt	
il	n		
in	n		
dp	y		
hs	nn		
DISPLAY			
sp	-1130.1		
vp	28588.9		
vs	122		
sc	0		
wc	250		
hzmm	114.36		
is	500.00		
rfl	1336.7		
rfp	163.3		
th	42		
ins	100.000		
nm	ph		



BB₁

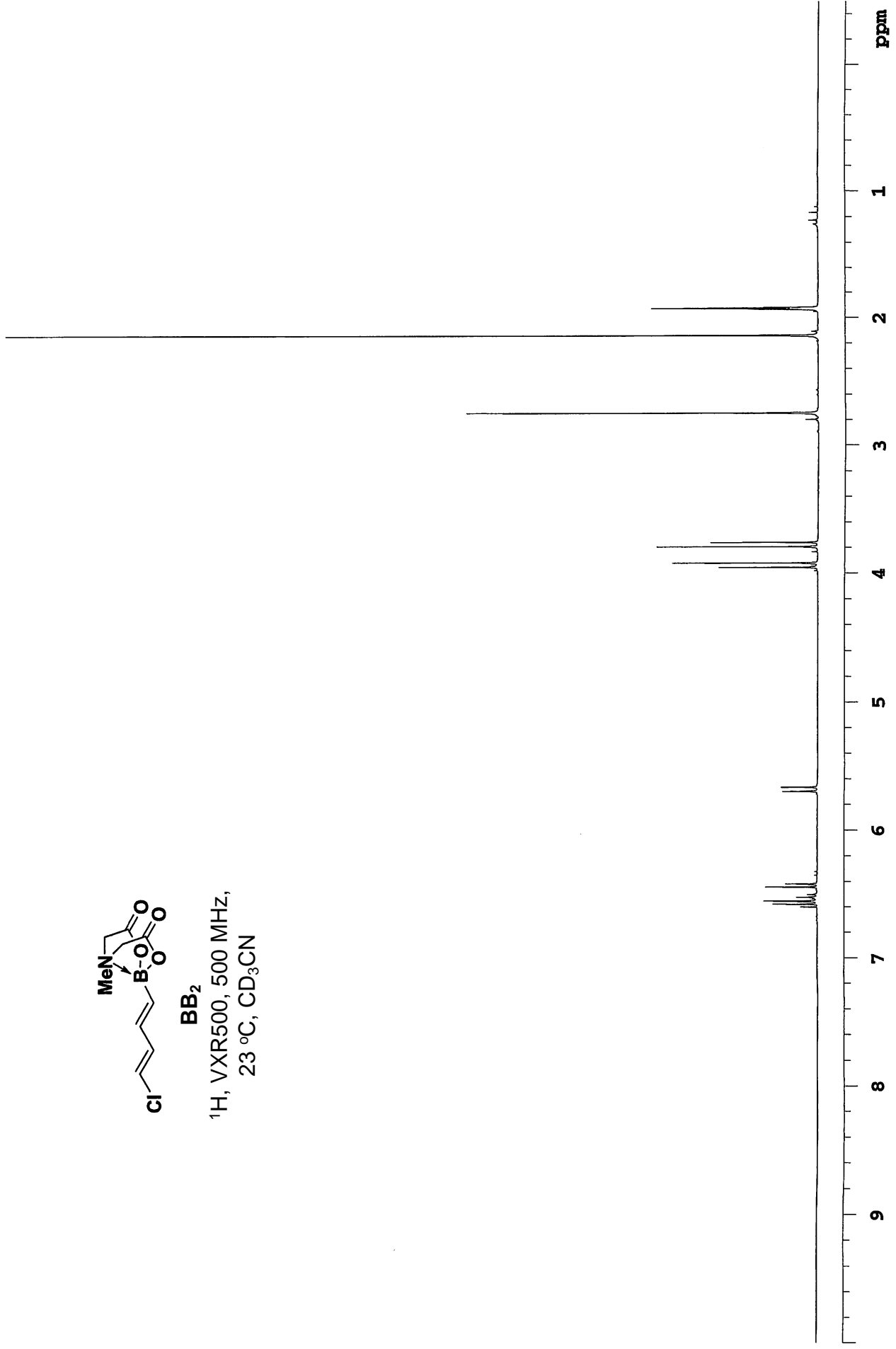


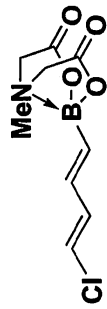
200 180 160 140 120 100 80 60 40 20 ppm



BB₂

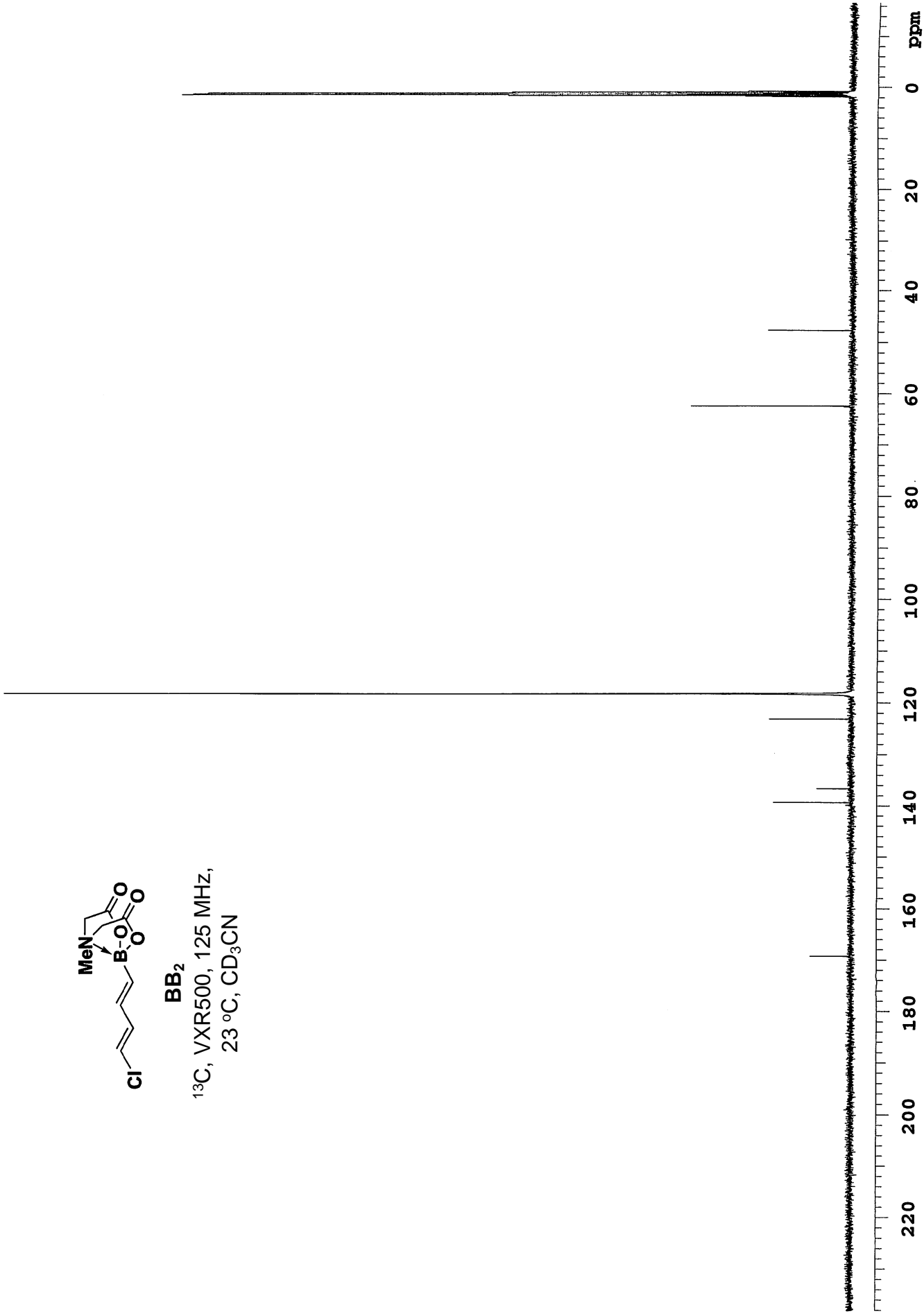
¹H, VXR500, 500 MHz,
23 °C, CD₃CN





BB₂

¹³C, VXR500, 125 MHz,
23 °C, CD₃CN



LSJI-5(BB3)

exp1 stdih

SAMPLE		DEC. & VT	
date	Oct 5 2007	dn	H1
solvent	CD3CN	dof	0
file	exp	dm	nan
ACQUISITION			
sfrq	399.953	dmf	200
tn	H1	dpwr	20
at	4.096	PROCESSING	
np	65536	lb	0.30
sw	8000.0	wfile	
fb	4400	proc	ft
bs	16	fn	not used
tpwr	63	math	f
pw	5.8		
dl	0	werr	
tof	-425.7	wexp	svf(nl)
nt	16	wbs	
ct	16	wnt	wft('acq')
alock	n	DISPLAY	
gain	not used	sp	37.0
FLAGS		wp	4311.7
il	n	vs	131
in	n	sc	0
dp	y	wc	250
hs	nn	hzmm	17.25
		is	540.58
		rfl	2785.0
		rfd	771.9
		th	20
		ins	3.000
		nm	ph



BB3



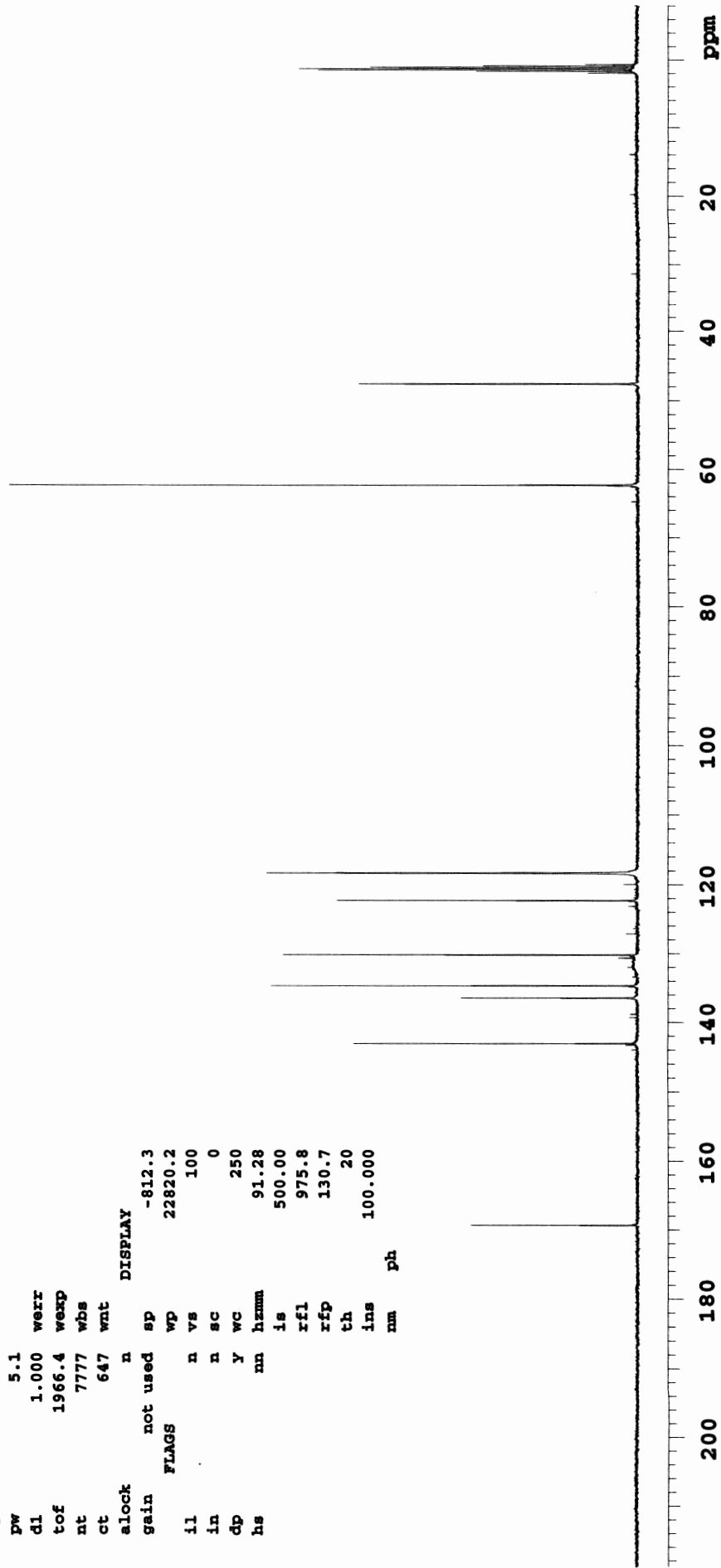
LSJI-5-13C(BB3)

exp1 std13c

SAMPLE	DEC. & VT
date Oct 5 2007	dn H1
solvent CD3CN	dof -1092.3
file exp	dm YYY
ACQUISITION	dmm W
sfrq 100.579	dmf 13889
tn C13	dpwr 48
at 1.311	PROCESSING
np 65536	lb 1.00
sw 25000.0	wfile
fb 13800	proc ft
bs 16	fn not used
tpwr 54	math f
PW 5.1	
d1 1.000	werr
tof 1966.4	wexp
nt 7777	wbs
ct 647	wnt
alock n	DISPLAY
gain not used	sp -812.3
FLAGS	wp 22820.2
il n	vs 100
in n	sc 0
dp y	wc 250
hs nn	hzmm 91.28
	is 500.00
	rfl 975.8
	rfp 130.7
	th 20
	ins 100.000
	nm ph



BB3

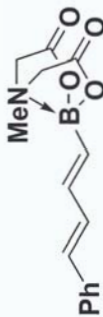


LSJI-23

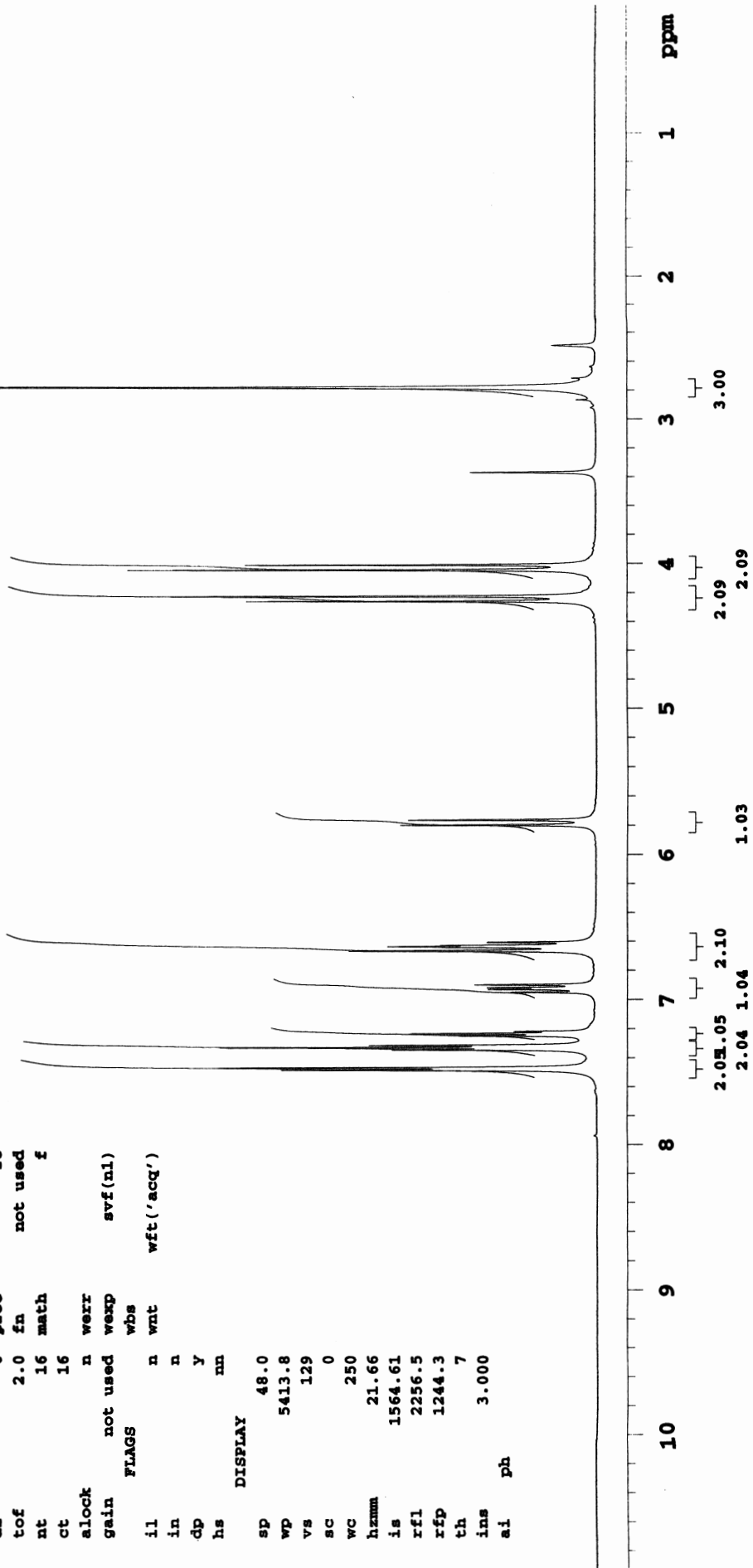
exp1 s2pul

SAMPLE DEC. & VT
 date Sep 26 2007 dfrq 499.701
 solvent DMSO dn H1
 file exp dpwr 20
 ACQUISITION dof 0
 sfrq 499.701 dm nnn
 tn H1 dnm c
 at 4.665 dmf 200
 np 65536 dseq
 sw 7024.9 dres 1.0
 fb 4000 hmo n
 bs 4 PROCESSING
 tpwr 63 lb not used
 pw 6.5 wtfile
 dl 0 proc ft
 tof 2.0 fn not used
 nt 16 math f
 ct 16
 alock n werr
 gain not used wexp svf(ml)
 FLAGS wbs wft('acq')

DISPLAY
 sp 48.0
 wp 5413.8
 vs 129
 sc 0
 wc 250
 hzmm 21.66
 is 1564.61
 rfl 2256.5
 rfp 1244.3
 th 7
 ins 3.000
 ai ph



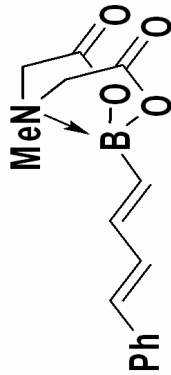
6



LSJII-19 (15days-old)

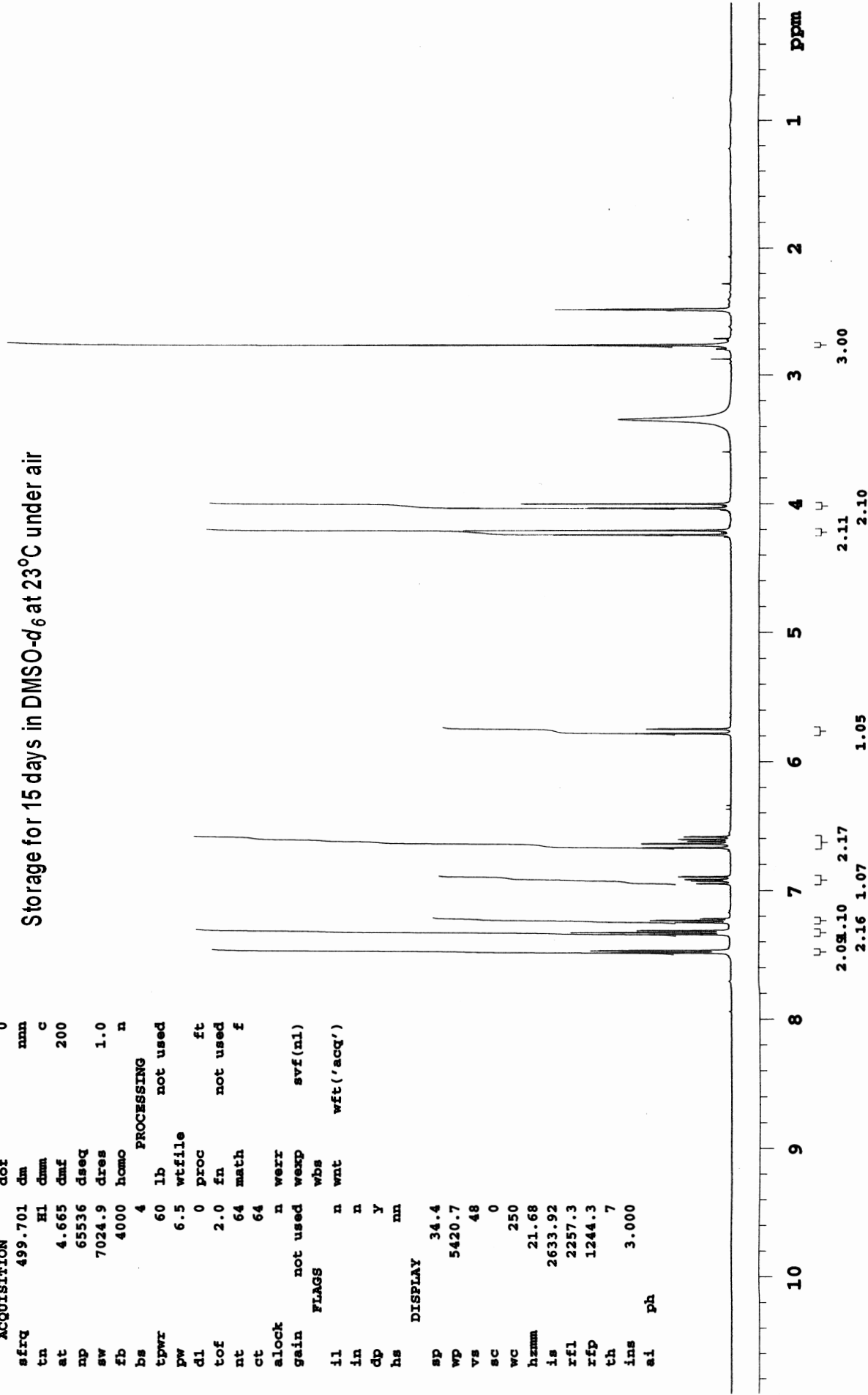
exp1 s2pul

SAMPLE	DEC. & VT
date Nov 27 2007	dfrq 499.701
solvent DMSO	dn H1
file exp	dpwr 20
ACQUISITION	dof 0
sfrq 499.701	dm nnn
tn H1	chmm c
at 4.665	dmf 200
np 65536	dseq
sw 7024.9	dres 1.0
fb 4000	homo n
bs 4	PROCESSING
tpwr 60	lb not used
pw 6.5	wtfile
d1 0	proc ft
tof 2.0	fn not used
nt 64	math f
ct 64	
alock n	werr
gain not used	wexp svf(nl)
FLAGS	wbs
il n	wnt wft('acq')
in n	
dp y	
hs nn	
DISPLAY	
sp 34.4	
wp 5420.7	
vs 48	
sc 0	
wc 250	
hzmm 21.68	
is 2633.92	
rfl 2257.3	
rfp 1244.3	
th 7	
ins 3.000	
si ph	



6

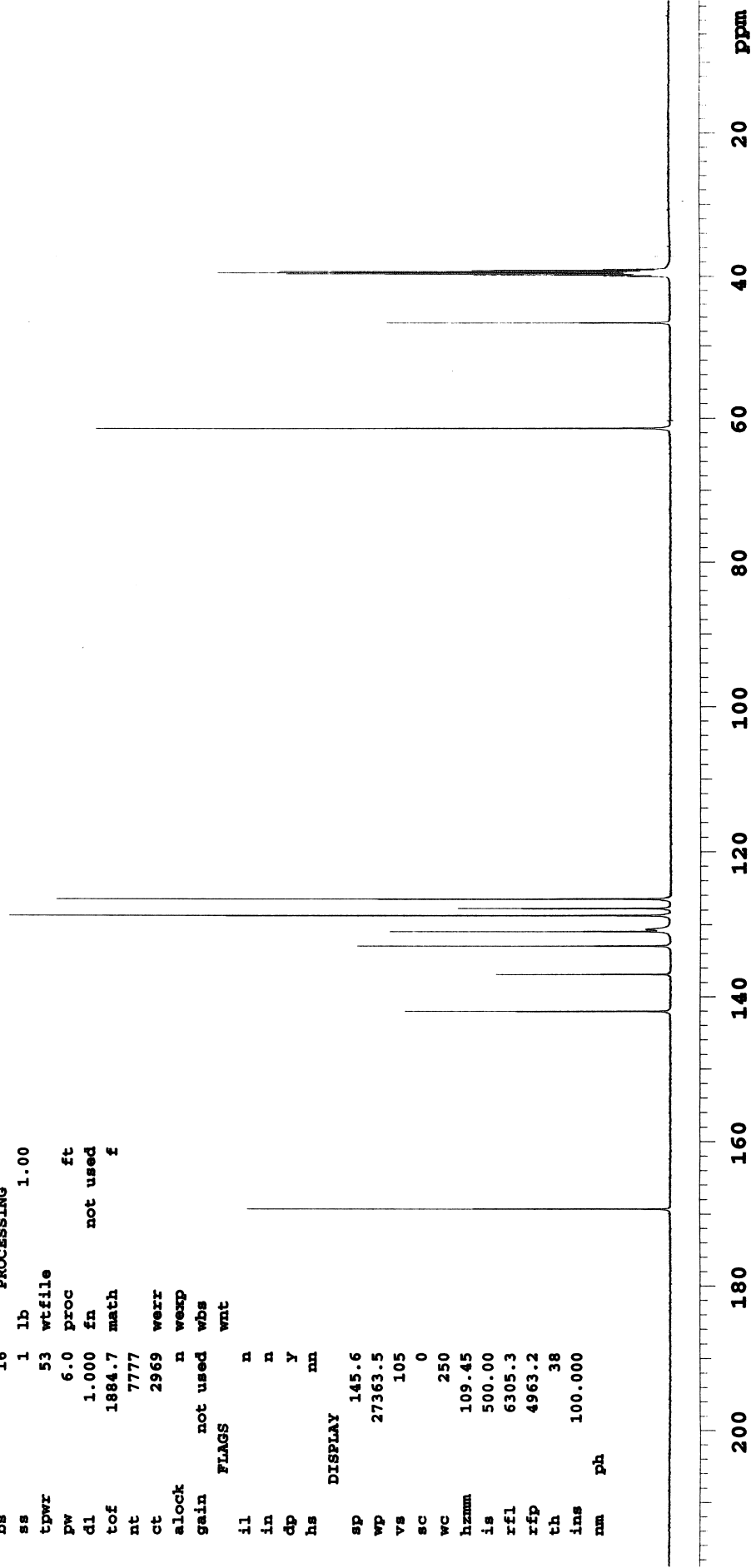
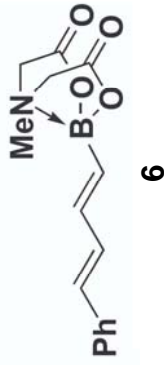
Storage for 15 days in DMSO-d₆ at 23°C under air



LSJI-23-13C

exp1 s2pul

SAMPLE		DEC. & VT	
date	Sep 26 2007	dfrq	499.700
solvent	DMSO	dn	H1
file	exp	dpwr	44
ACQUISITION		dof	-827.6
sfrq	125.663	dm	YFY
tn	C13	dmm	w
at	1.086	dmf	12000
np	65536	dseq	
sw	30165.9	dres	90.0
fb	16600	homo	n
bs	16	PROCESSING	
ss	1	lb	1.00
tpwr	53	wtfile	
pw	6.0	proc	ft
d1	1.000	fn	not used
tof	1884.7	math	f
nt	7777		
ct	2969	werr	
alock	n	wexp	
gain	not used	wbs	
FLAGS		wnt	
il	n		
in	n		
dp	y		
hs	nn		
DISPLAY			
sp	145.6		
wp	27363.5		
vs	105		
sc	0		
wc	250		
hzmm	109.45		
is	500.00		
rfl	6305.3		
rfp	4963.2		
th	38		
ins	100.000		
nm	ph		



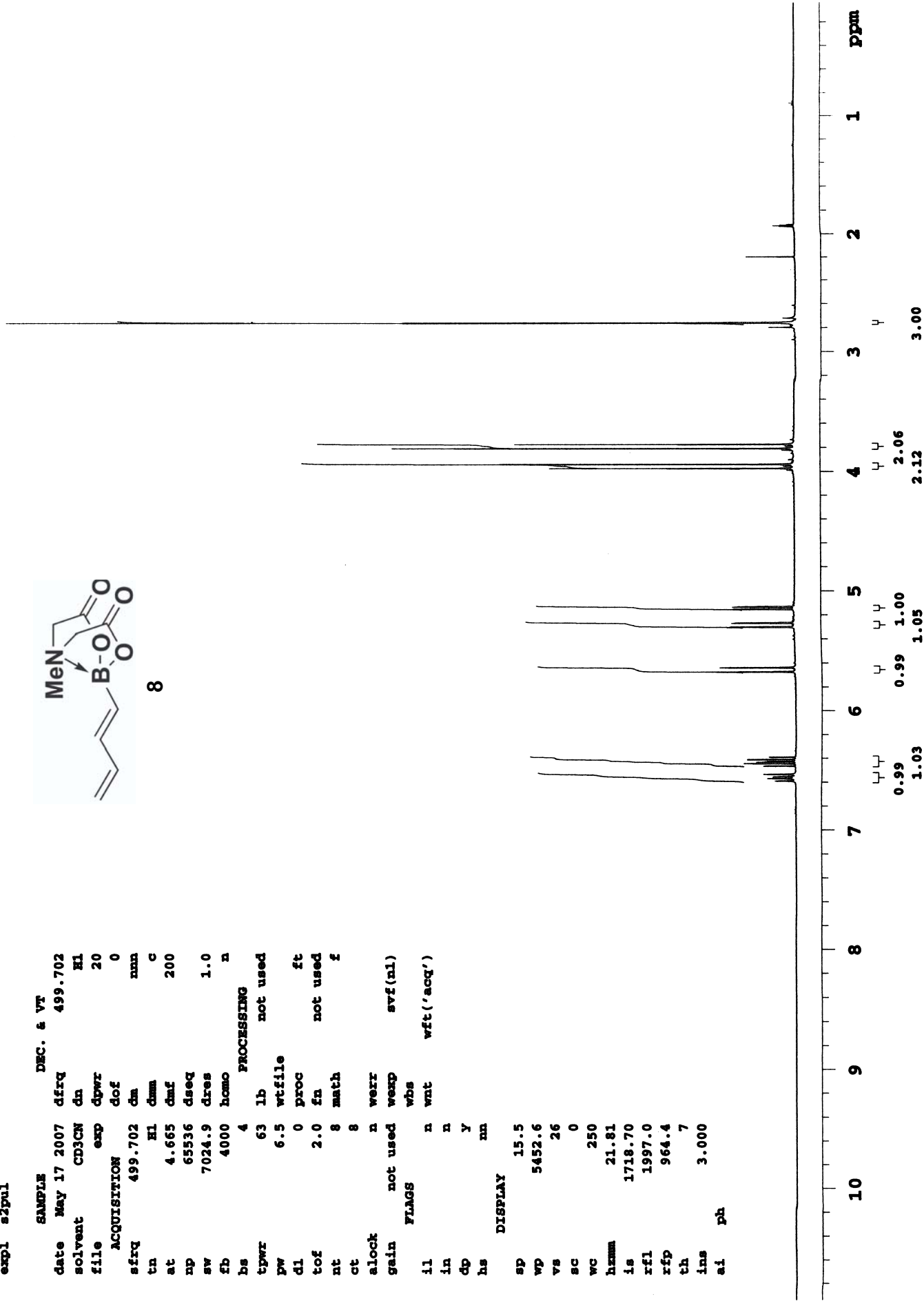
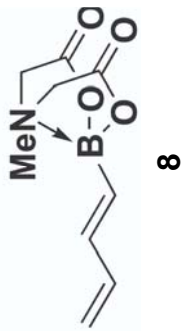
LSJ1-17

exp1 s2pul

```

SAMPLE          DEC. & VT
date  May 17 2007  dfrq  499.702
solvent  CD3CN  dn      H1
file     exp     dpwr  20
ACQUISITION  dof    0
sfrq  499.702  dm      nnn
tn     H1      dnm      C
at     4.665  dmf      200
np     65536  dseq
sw     7024.9 dres      1.0
fb     4000  homo      n
bs     4      PROCESSING
tpwr   63 lb      not used
pw     6.5 wtfile
dl     0 proc      ft
tof    2.0 fn      not used
nt     8 math      f
ct     8
alock  n verz
gain   not used wexp  svf(ml)
FLAGS  not used wbs
il     n wnt      wft('acq')
in     n
cp     y
hs     nn
DISPLAY
sp     15.5
wp     5452.6
vs     26
sc     0
wc     250
hzmm   21.81
is     1718.70
rfl    1997.0
rfp    964.4
th     7
ins    3.000
ai     ph

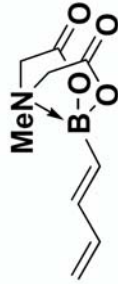
```



LSGT-17-13C

exp1 s2pul

SAMPLE		DEC. & VT	
date	May 17 2007	dfrq	499.701
solvent	CD3CN	dn	HL
file	exp	dpwr	44
ACQUISITION		dof	-827.6
sfrq	125.663	dm	YFY
tn	C13	dmm	W
at	1.086	dmf	12000
np	65536	dseq	
sw	30165.9	dres	90.0
fb	16600	homo	n
bs	16	PROCESSING	
ss	1	lb	1.00
tpwr	53	wtfile	
pw	6.0	proc	ft
d1	1.000	fn	not used
tof	1884.7	math	f
nt	1500		
ct	1467	warr	
alock	n	wexp	
gain	not used	wbs	
FLAGS		wnt	
il	n		
in	n		
dp	y		
hs	nn		
DISPLAY			
sp	-1176.2		
vp	29429.4		
vs	140		
sc	0		
vc	250		
hzmm	117.72		
is	500.00		
rfl	1339.5		
rfp	163.3		
th	153		
ins	100.000		
nm	ph		



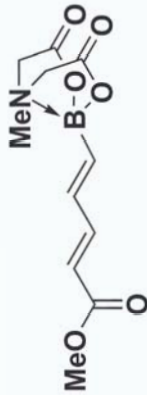
8

220 200 180 160 140 120 100 80 60 40 20 ppm

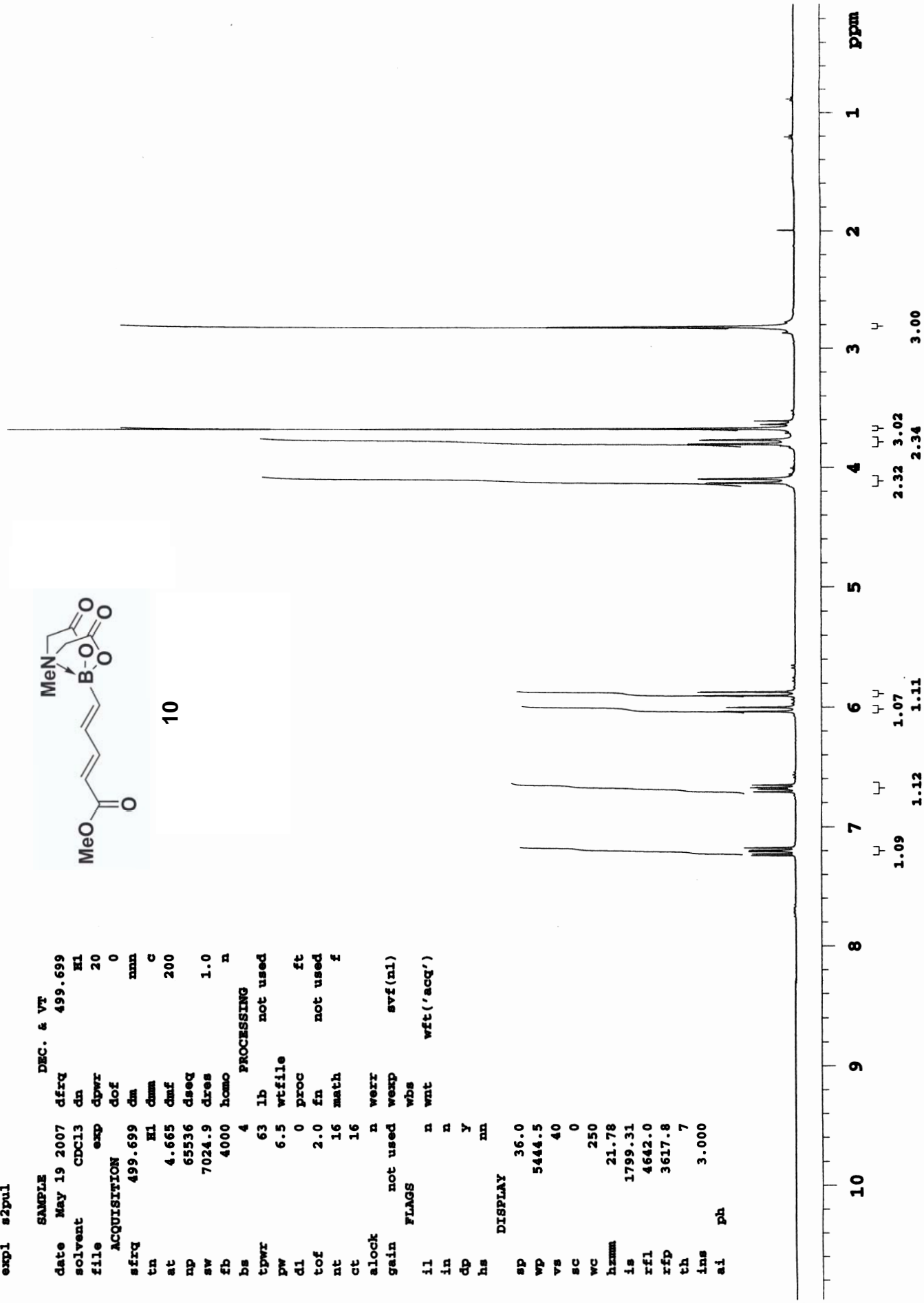
LSJ1-19

exp1 s2pul

SAMPLE DEC. & VT
 date May 19 2007 dfrq 499.699
 solvent CDCl3 dn H1
 file exp dpwr 20
 ACQUISITION dof 0
 sfrq 499.699 dm nnn
 tn H1 dma c
 at 4.665 dmf 200
 np 65536 dseq
 sw 7024.9 dres 1.0
 fb 4000 homo n
 bs 4 PROCESSING
 tpwr 63 lb not used
 pw 6.5 wfile
 dl 0 proc ft
 tof 2.0 fn not used f
 nt 16 math
 ct 16
 alock n werr
 gain not used wexp svf(nl)
 FLAGS wbs
 il n wnt wft('acq')
 in n
 dp y
 bs nn
 DISPLAY
 sp 36.0
 wp 5444.5
 vs 40
 sc 0
 wc 250
 hzmm 21.78
 is 1799.31
 rfl 4642.0
 rfp 3617.8
 th 7
 ins 3.000
 ai ph



10



10

9

8

7

6

5

4

3

2

1

ppm

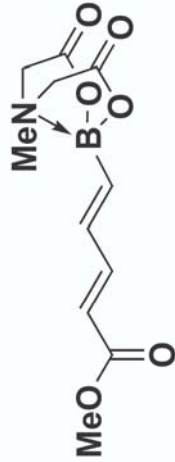
LSJ1-19-13C

exp1 s2pul

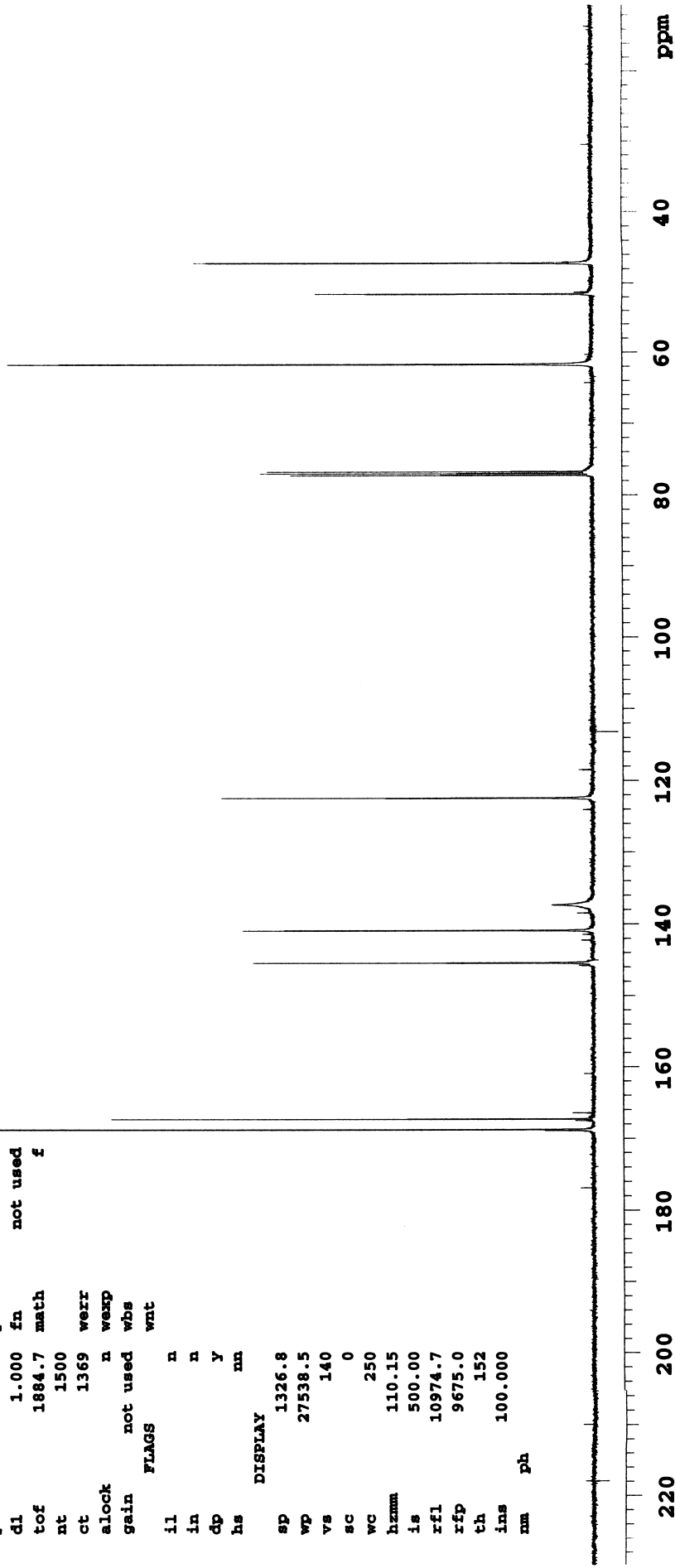
```

SAMPLE          DEC. & VT
.date May 19 2007  dfrq 499.698
solvent CDCl3      dn   H1
file      exp      dpwr 44
          ACQUISITION  dof  -827.6
sfrq 125.663      dm   YFY
tn      C13      dmm   W
at      1.086      dmf  12000
np      65536      dseq
sw      30165.9   dres  90.0
fb      16600     homo  n
bs      16        PROCESSING
ss      1         lb    1.00
tpwr    53       wtfile
pw      6.0      proc  ft
dl      1.000    fn    not used
tof     1884.7   math  f
nt      1500
ct      1369     werr
alock   n       wexp
gain    not used wbs
          FLAGS  wnt
il      n
in      n
dp      y
hs      mn
          DISPLAY
sp      1326.8
wp      27538.5
vs      140
sc      0
wc      250
hzmm    110.15
is      500.00
rf1     10974.7
rfp     9675.0
th      152
ins     100.000
nm      ph

```



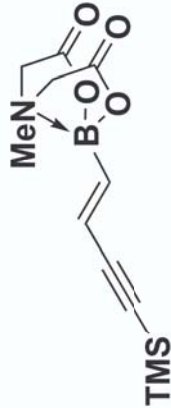
10



LSJTI-18

exp1 s2pul

SAMPLE		DEC. & VT	
date	May 15 2007	dfrq	499.699
solvent	CDCl3	dn	H1
file	exp	dpwr	20
ACQUISITION		dof	0
sfrq	499.699	dm	nmn
tn	H1	dmn	C
at	4.665	daf	200
xp	65536	dseq	
sw	7024.9	dres	1.0
fb	4000	homo	n
bs	4	PROCESSING	
tpwr	63	lb	not used
pw	6.5	wtfile	
dl	0	proc	ft
tof	2.0	fn	not used
nt	16	math	f
ct	16		
alock	n	werr	
gain	not used	wexp	svf(nl)
FLAGS		wbs	
il	n	wnt	wft('acq')
in	n		
dp	y		
hs	nn		
DISPLAY			
sp	-475.8		
vp	5937.1		
vs	12		
sc	0		
vc	250		
hnum	23.75		
is	816.72		
xf1	4642.4		
xfp	3617.8		
th	7		
ins	9.000		
sl	ph		



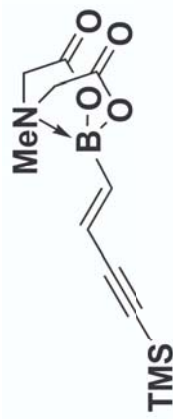
12



LSJ1-18-13C

exp1 s2pul

SAMPLE		DEC. & VT	
date	May 15 2007	dfrq	499.698
solvent	CDC13	dn	H1
file	exp	dpwr	44
ACQUISITION		dof	-827.6
sfrq	125.663	dm	YFF
tn	C13	dmm	W
at	1.086	dmf	12000
np	65536	dseq	
sw	30165.9	dres	90.0
fb	16600	homo	n
bs	16	PROCESSING	
ss	1	lb	1.00
tpwr	53	wtfile	
pw	6.0	proc	ft
d1	1.000	fn	not used
tof	1884.7	math	f
nt	1500		
ct	1205	warr	
alock	n	wexp	
gain	not used	wbs	
FLAGS		wnt	
il	n		
in	n		
dp	y		
hs	nn		
DISPLAY			
sp	-1254.6		
wp	30078.5		
vs	140		
sc	0		
wc	250		
hazmm	120.31		
is	500.00		
rfl	10972.9		
rfp	9675.0		
th	156		
ims	100.000		
nm	ph		



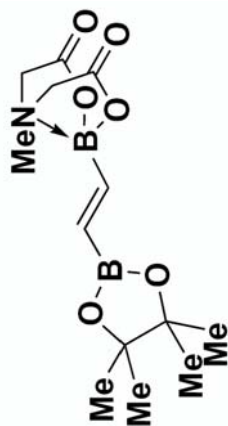
12

220 200 180 160 140 120 100 80 60 40 20 ppm

LSJI-22

expl s2pul

SAMPLE	DEC. & VT
date Sep 30 2007	dfrq 499.702
solvent CD3CN	dn H1
file exp	dpwr 20
ACQUISITION	dof 0
sfrq 499.702	dm nnn
tn H1	dm c
at 4.665	dmf 200
np 65536	dseq
sw 7024.9	dres 1.0
fb 4000	homo n
bs 4	PROCESSING
tpwr 63	lb not used
pw 6.5	wtfile
d1 0	proc ft
tof 2.0	fn not used
nt 16	math f
ct 16	
alock n	werr
gain not used	wexp svf(nl)
FLAGS	wbs
il n	wnt wft('acq')
in n	
dp y	
hs nn	
DISPLAY	
sp 27.3	
wp 5413.8	
vs 10	
sc 0	
wc 250	
hzmm 21.66	
is 533.57	
rfl 1997.3	
rfp 964.4	
th 7	
ins 12.000	
ai ph	



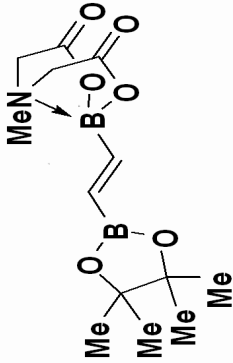
14



PCBE-CPIn(1year/5month old)

expl stdlh

date	Sep 4 2007	dn	H1
solvent	CD3CN	dof	0
file	exp	dm	nmn
ACQUISITION	exp	dmn	C
sfrq	399.953	dmf	200
tn	H1	dpwr	20
at	4.096	PROCESSING	
np	65536	lb	not used
sw	8000.0	wtfile	
fb	4400	proc	ft
bs	16	fn	not used
tpwr	63	math	F
PW	5.8		
dl	0	werr	
tof	-425.7	wexp	svf(n1)
nt	16	vbs	
ct	16	wnt	wft('acq')
alock	n	DISPLAY	
gain	not used	sp	-16.2
FLAGS		wp	4400.5
il	n	vs	151
in	n	sc	0
dp	y	wc	250
hs	nn	hmm	17.60
		is	730.68
		rfl	2785.0
		rfp	771.9
		th	20
		ins	12.000
		nm	ph



14

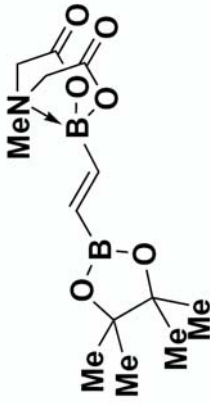
Storage for 1.5 years at 23°C under air



LSJ1-22-13C

exp1 s2pul

SAMPLE		DEC. & VT	
date	Sep 30 2007	dfrq	499.701
solvent	CD3CN	dn	H1
file	exp	dpwr	44
ACQUISITION		dof	-827.6
sfrq	125.663	dm	YFY
tn	C13	dmm	w
at	1.086	dmf	12000
np	65536	dseq	
sw	30165.9	dres	90.0
fb	16600	homo	n
bs	16	PROCESSING	
ss	1	lb	1.00
tpwr	53	wtfile	
pw	6.0	proc	ft
d1	1.000	fn	not used
tof	1884.7	math	f
nt	7777		
ct	3263	werr	
alock	n	wexp	
gain	not used	wbs	
FLAGS		wnt	
il	n		
in	n		
dp	y		
hs	nn		
DISPLAY			
sp	-1131.0		
wp	28588.9		
vs	140		
sc	0		
wc	250		
hzmm	114.36		
is	500.00		
rf1	1337.7		
rfp	163.3		
th	68		
ins	100.000		
nm	ph		



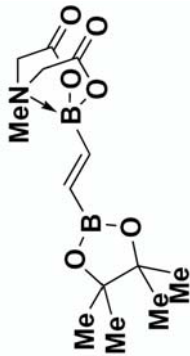
14

200 180 160 140 120 100 80 60 40 20 ppm

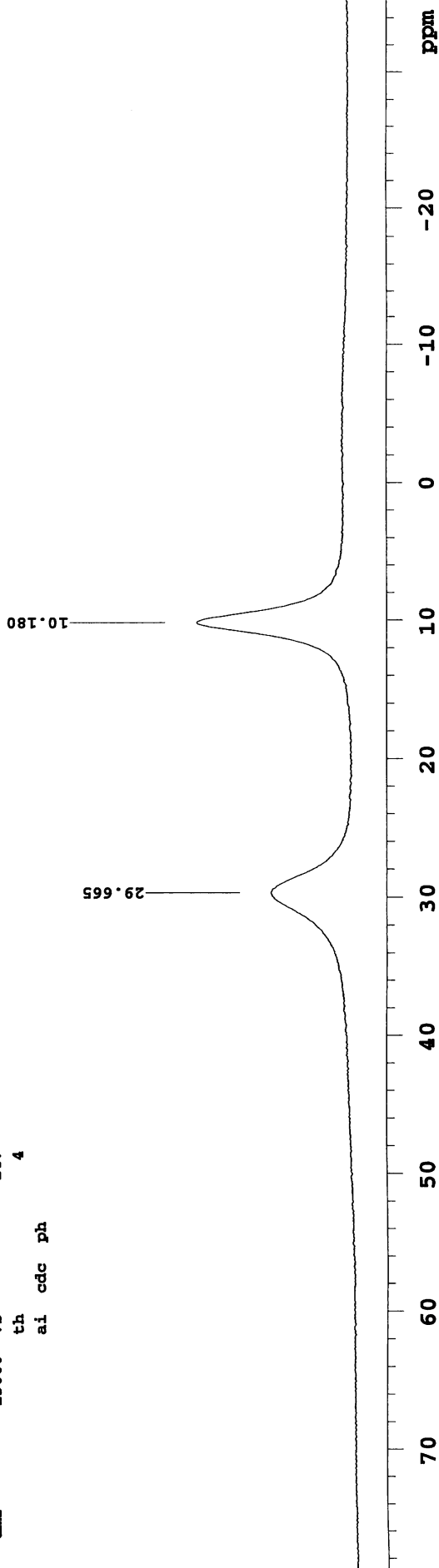
LSJI-22-B

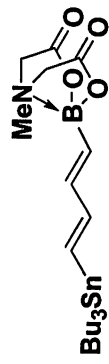
exp2 s2pul

SAMPLE	date	Sep 30 2007	temp	not used	SPECIAL
solvent	CD3CN	gain	52		
file	exp	spin	not used		
ACQUISITION	hst	0.008			
sw	80000.0	pw90	5.500		
at	0.819	alfa	0		
np	131072	FLAGS			
fb	44000	il	n		
bs	8	in	n		
d1	1.000	dp	y		
nt	250	hs	n		
ct	250	PROCESSING			
TRANSMITTER	lb	5.00			
tn	B11	fn	not used		
sfrq	96.289	DISPLAY			
tof	0	sp	-3400.9		
tpwr	57	wp	10986.3		
pw	2.139	rfl	41873.8		
DECOUPLER	rfp	0			
dn	H1	rp	147.1		
dof	0	lp	-0		
dm	n	PLOT			
decwave	w	wc	250		
dpwr	38	sc	0		
dmf	15000	vs	147		
		th	4		
		ai	cdc		
		ph			



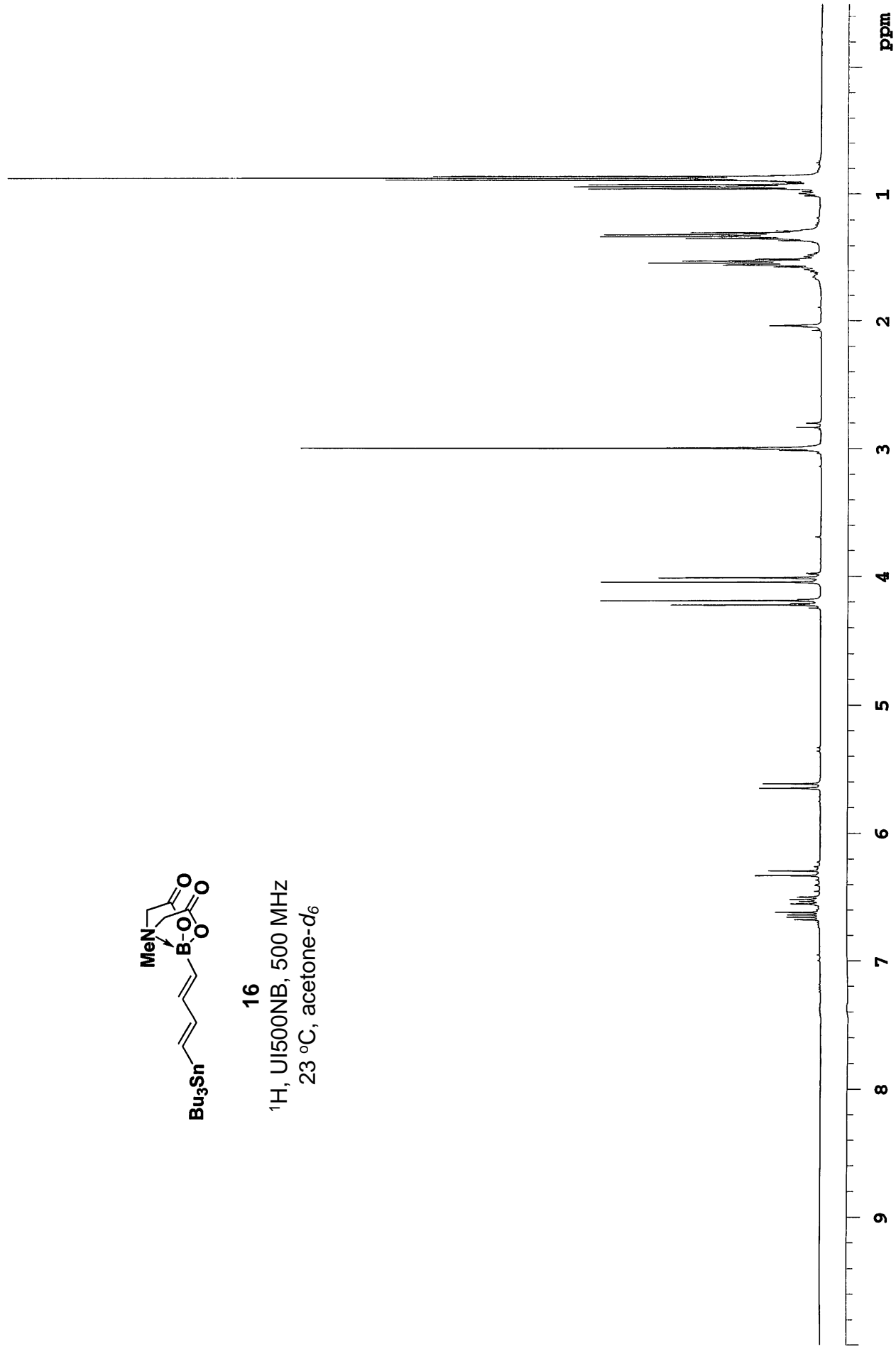
14

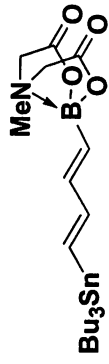




16

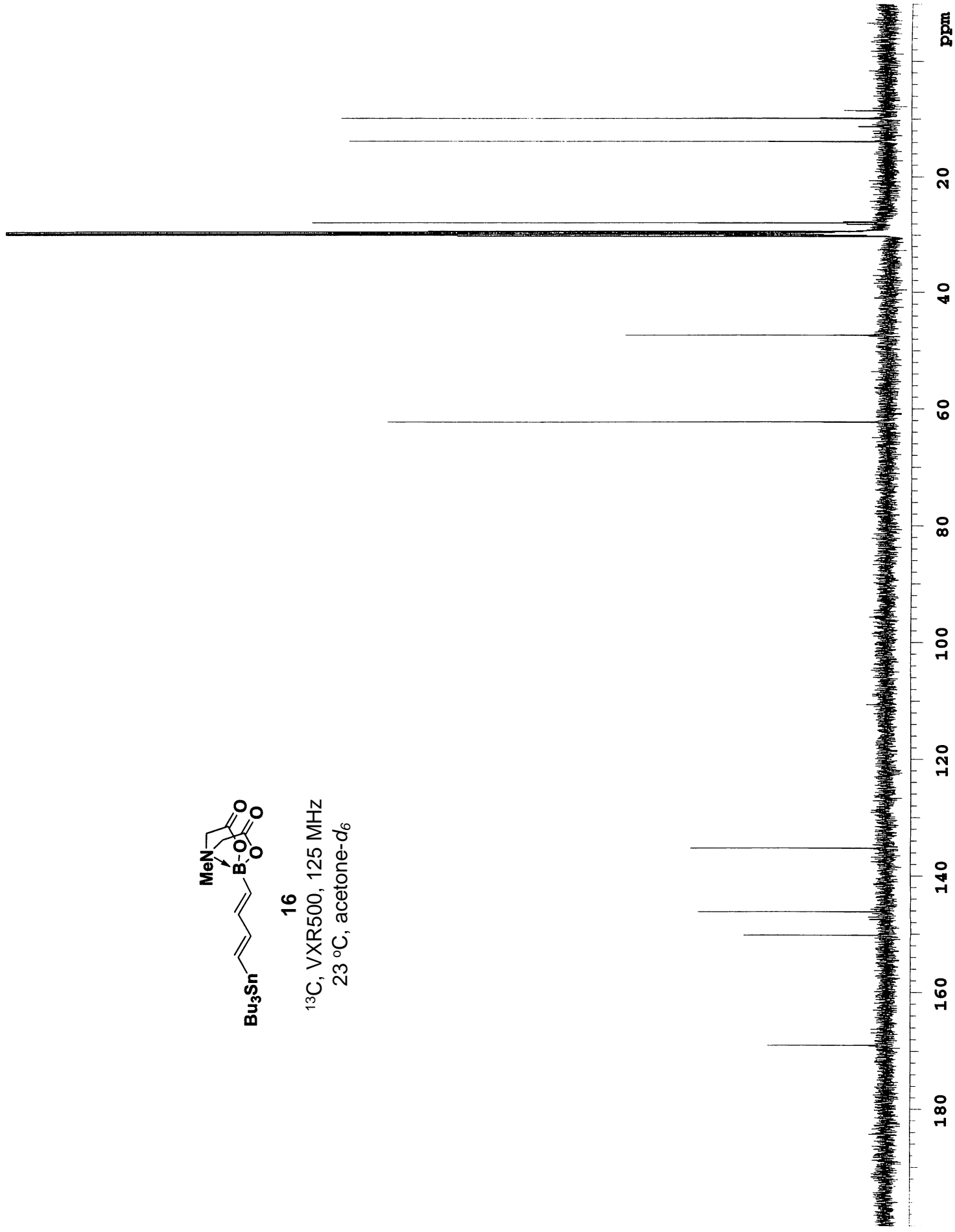
^1H , UI500NB, 500 MHz
23 °C, acetone- d_6

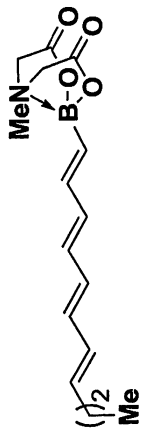




16

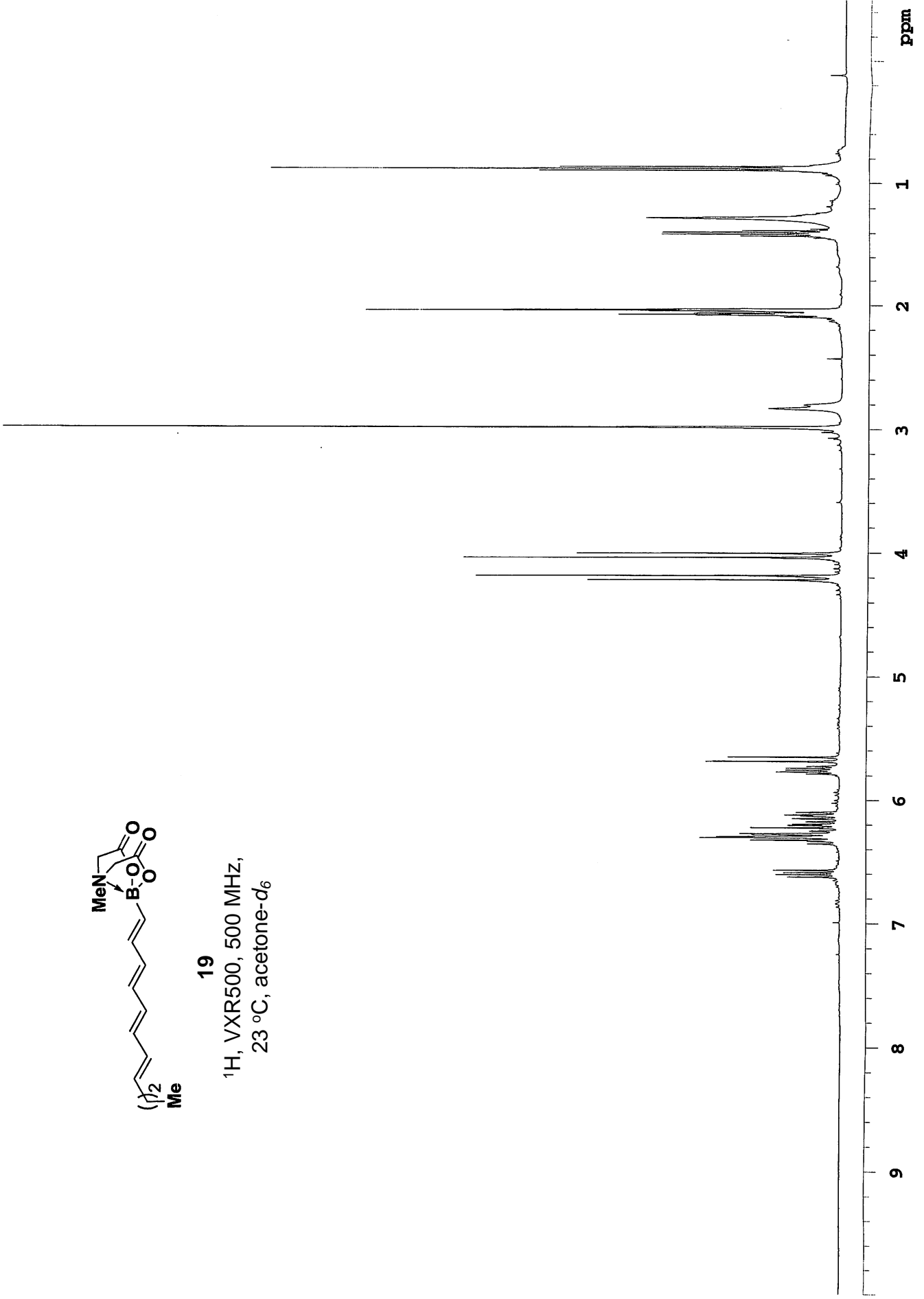
^{13}C , VXR500, 125 MHz
23 °C, acetone- d_6

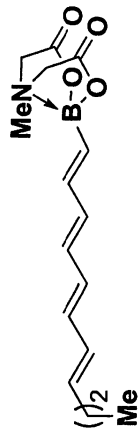




19

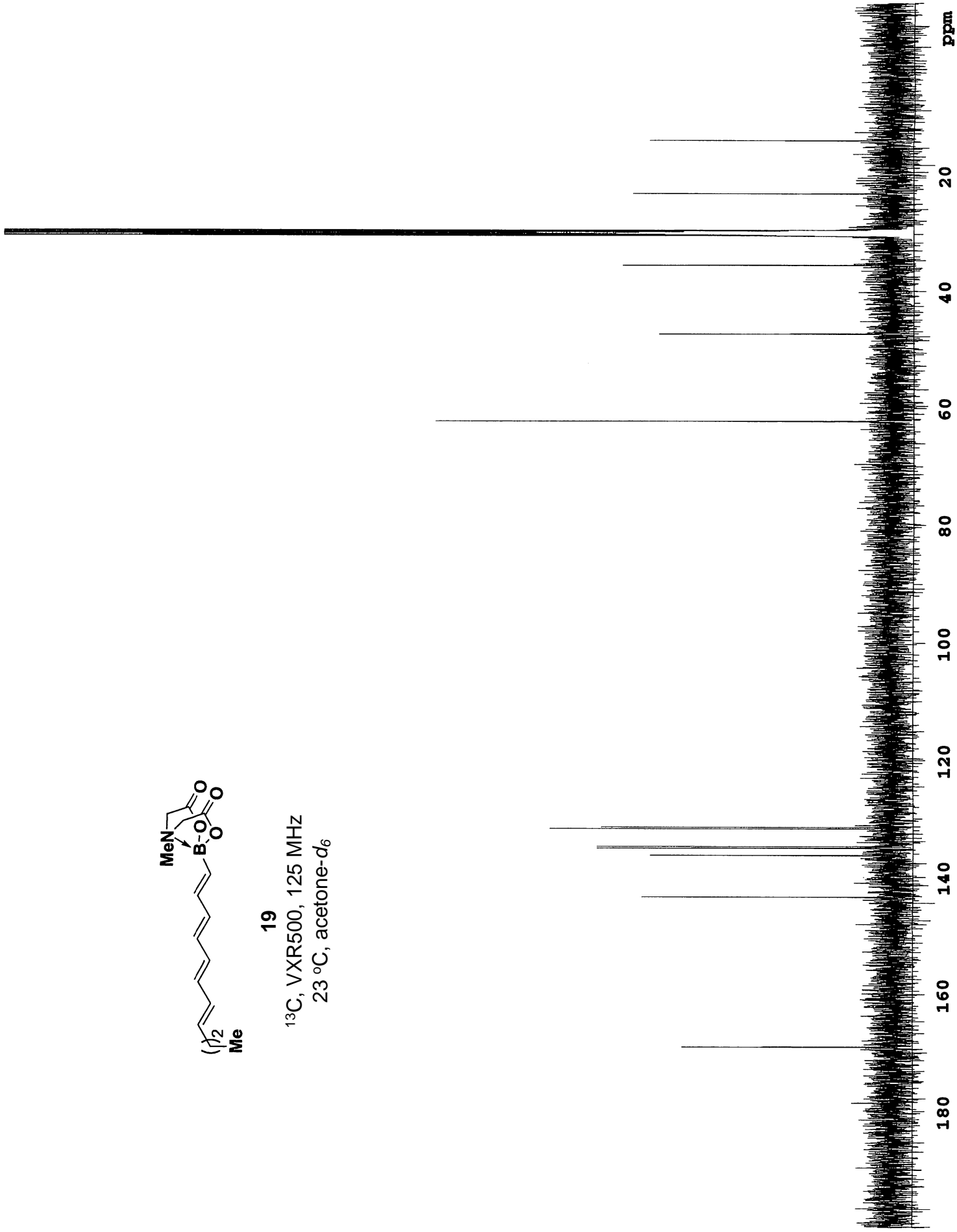
¹H, VXR500, 500 MHz,
23 °C, acetone-d₆

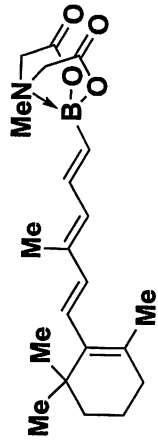




19

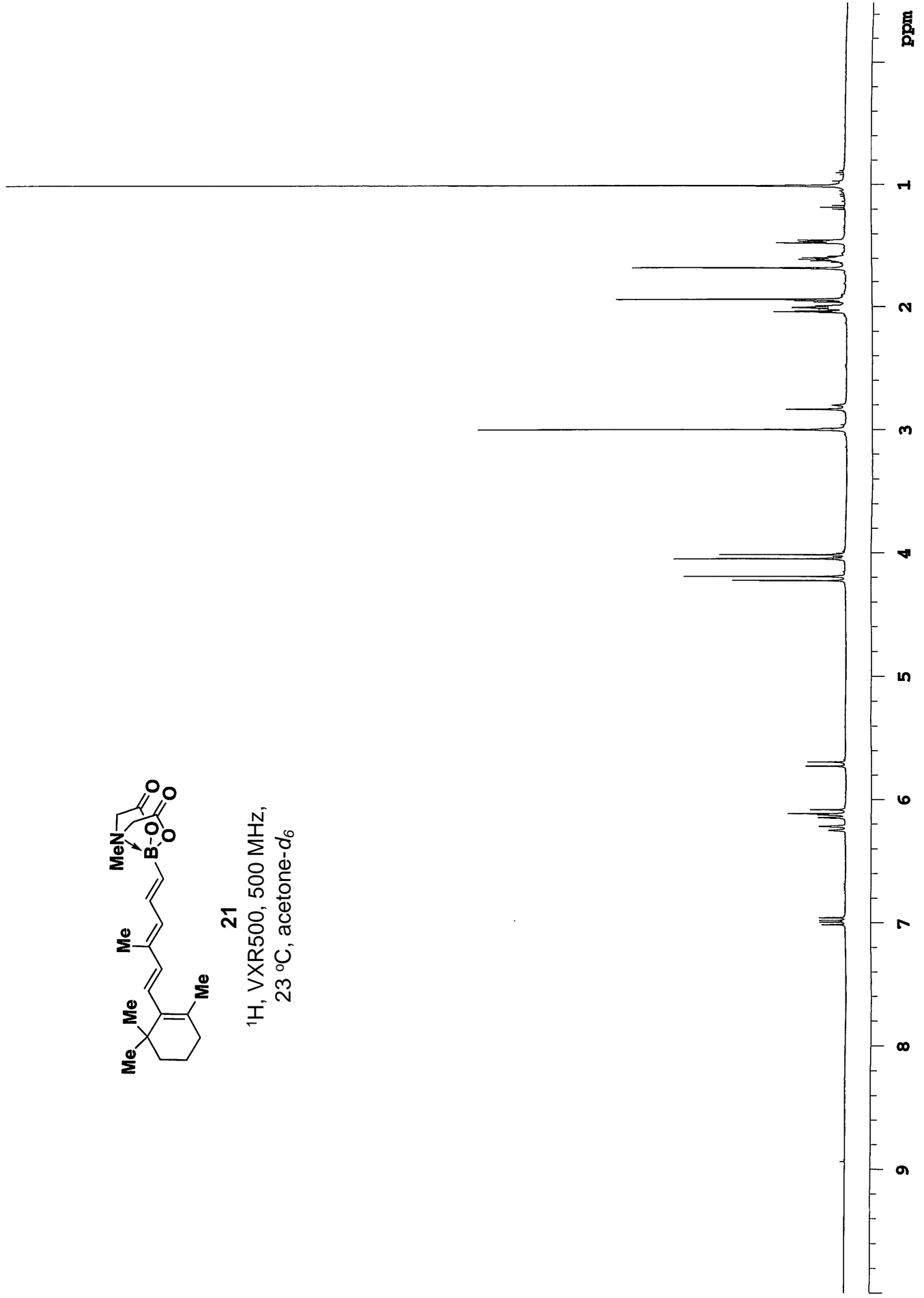
^{13}C , VXR500, 125 MHz
23 °C, acetone- d_6

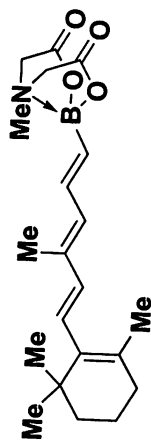




21

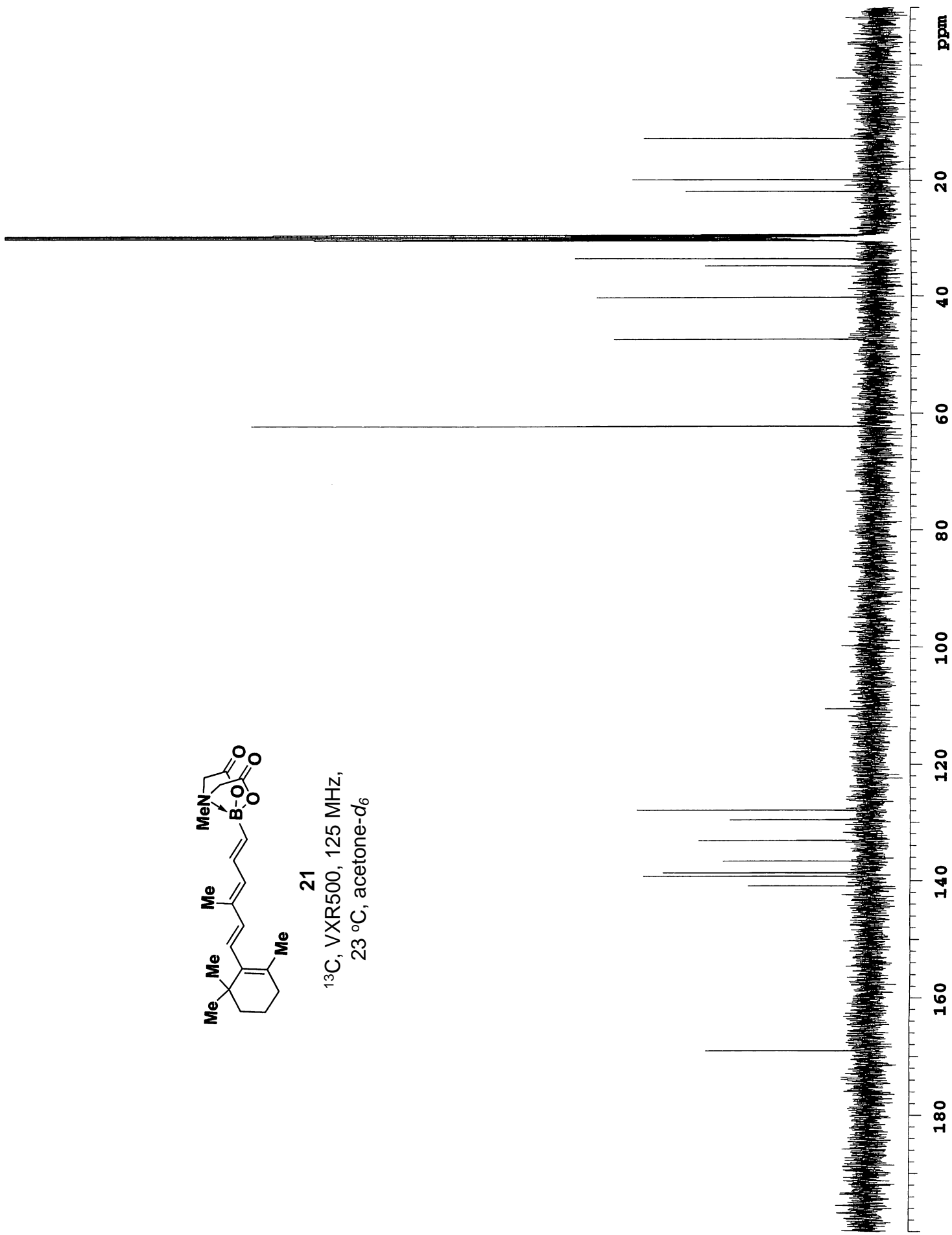
¹H, VXR500, 500 MHz,
23 °C, acetone-*d*₆

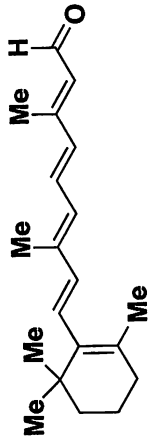




21

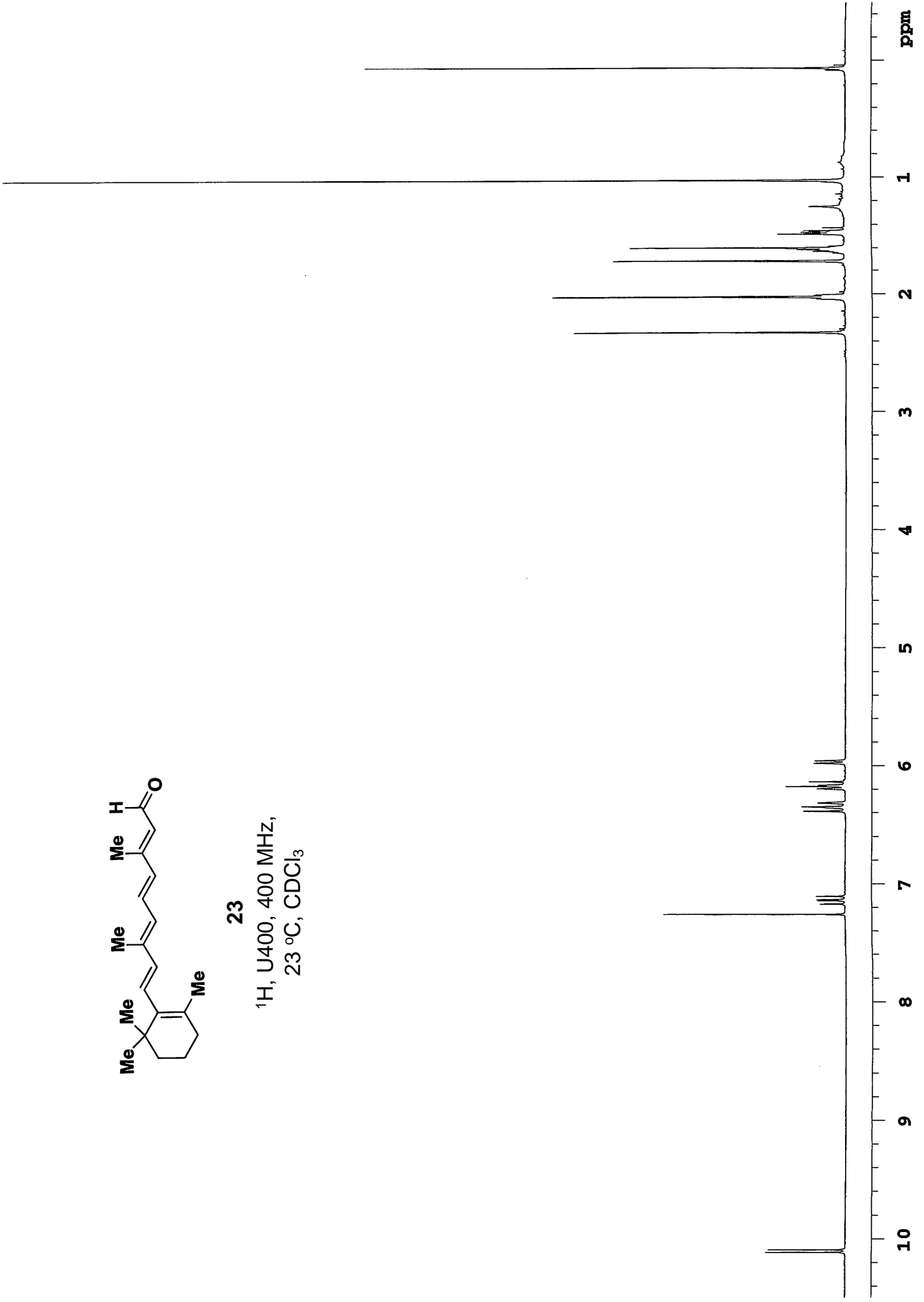
^{13}C , VXR500, 125 MHz,
23 °C, acetone- d_6

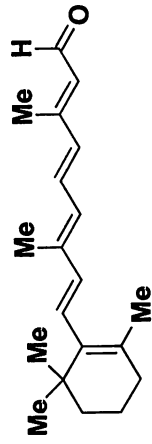




23

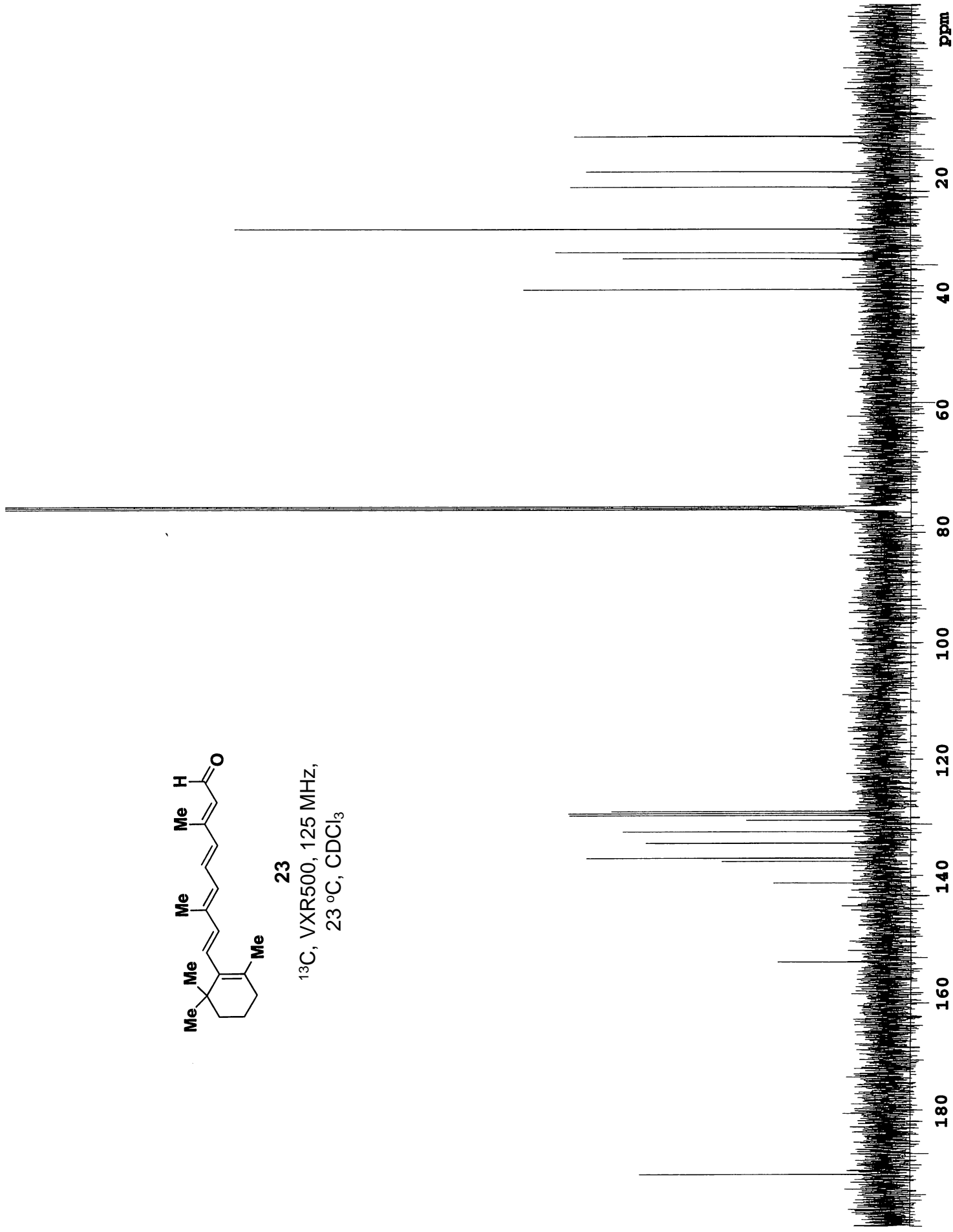
¹H, U400, 400 MHz,
23 °C, CDCl₃

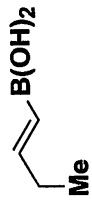




23

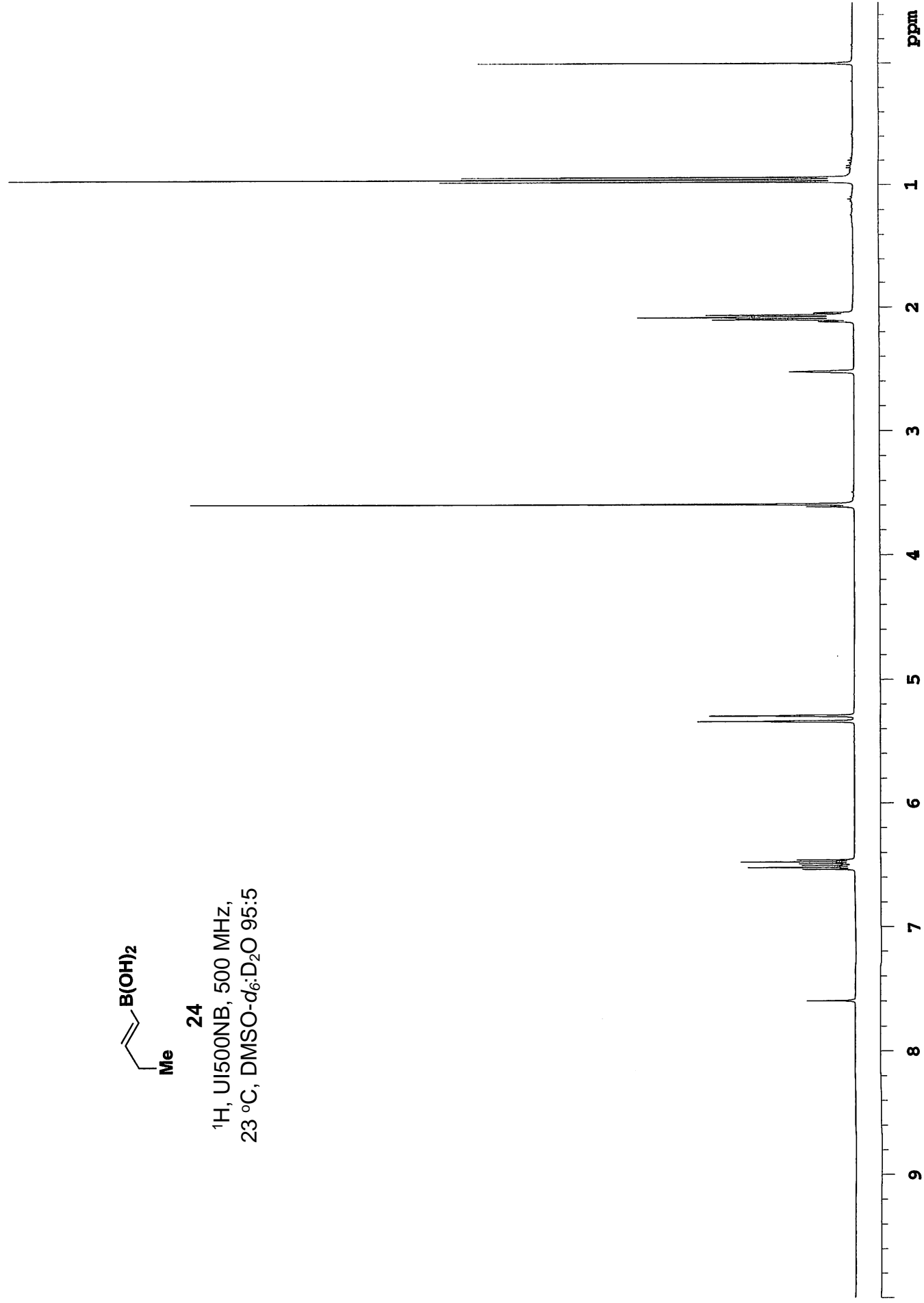
^{13}C , VXR500, 125 MHz,
23 °C, CDCl_3

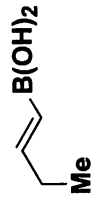




24

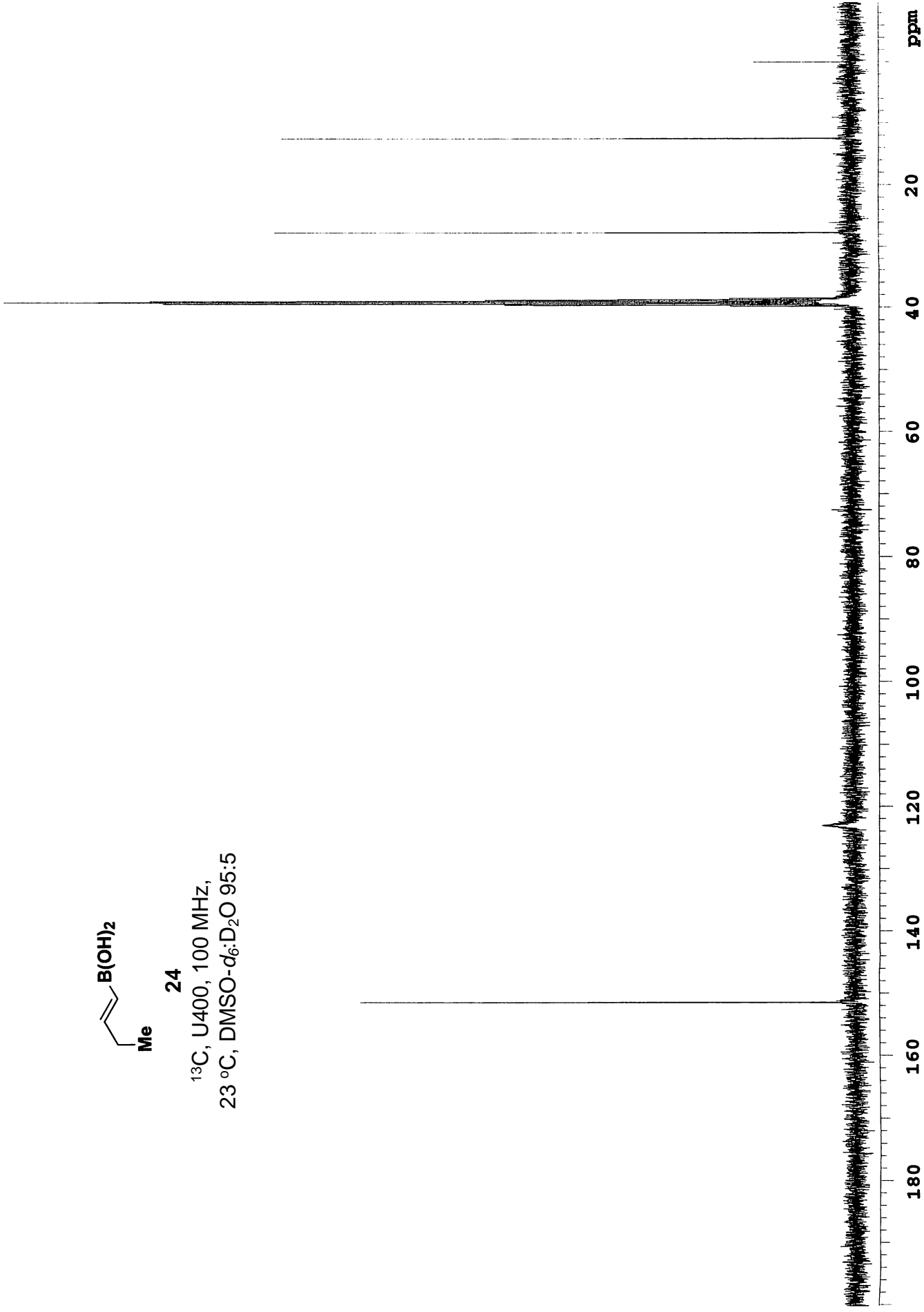
¹H, UI500NB, 500 MHz,
23 °C, DMSO-*d*₆:D₂O 95:5

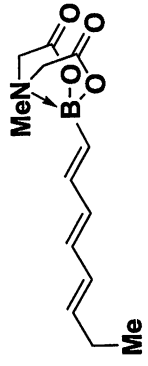




24

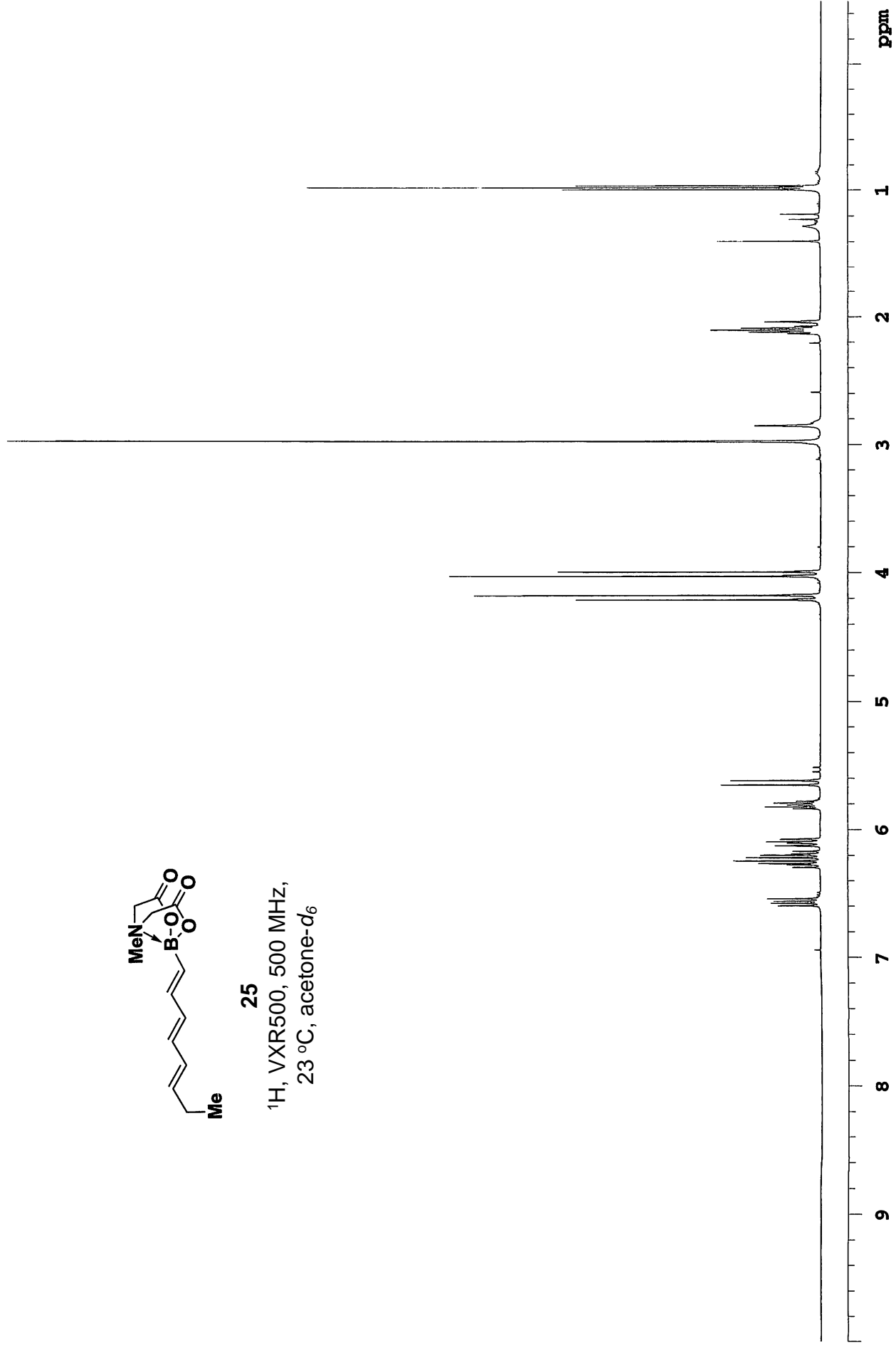
^{13}C , U400, 100 MHz,
23 °C, DMSO- d_6 :D $_2$ O 95:5

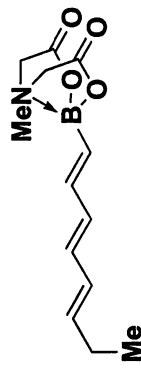




25

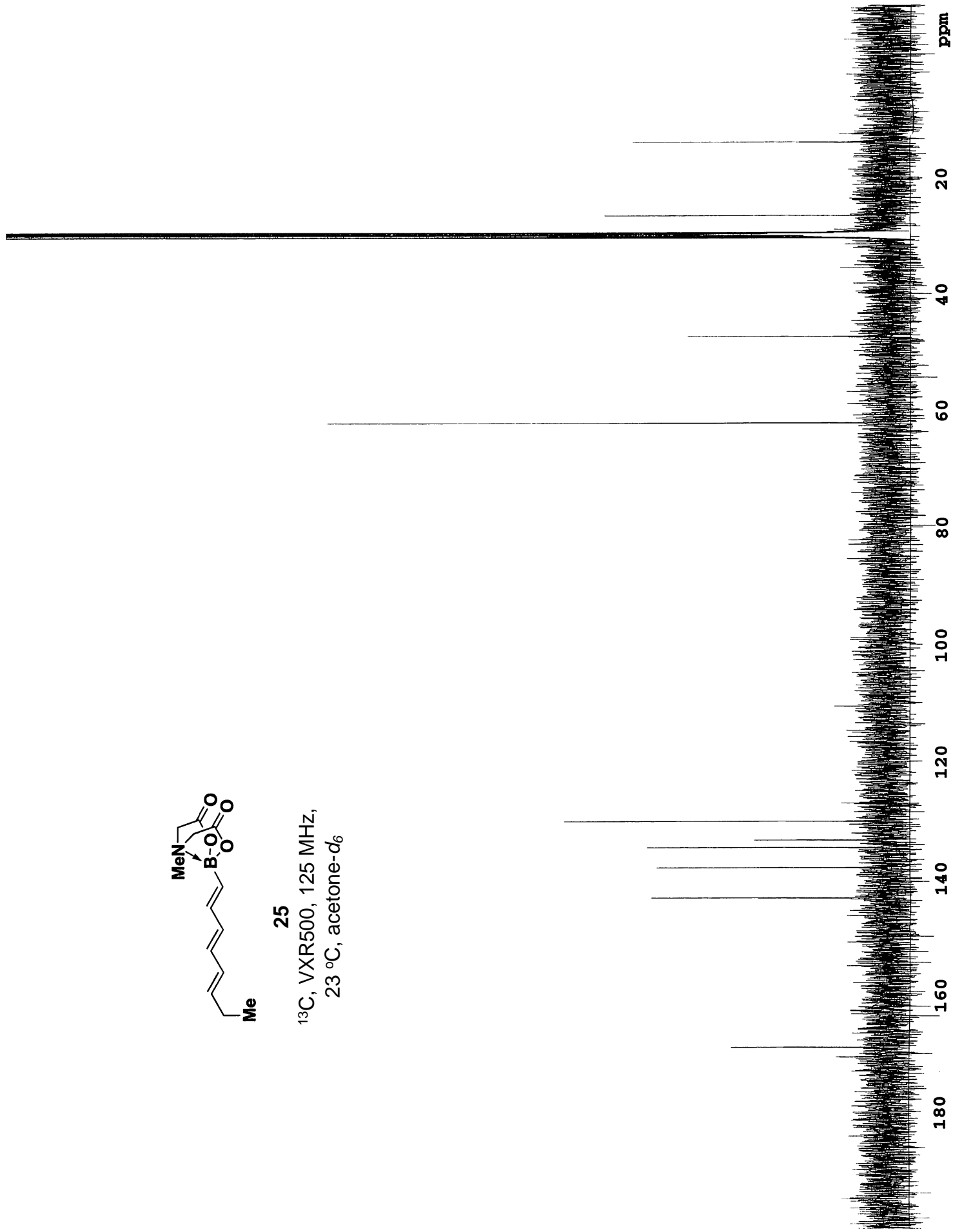
^1H , VXR500, 500 MHz,
23 °C, acetone- d_6

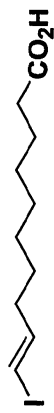




25

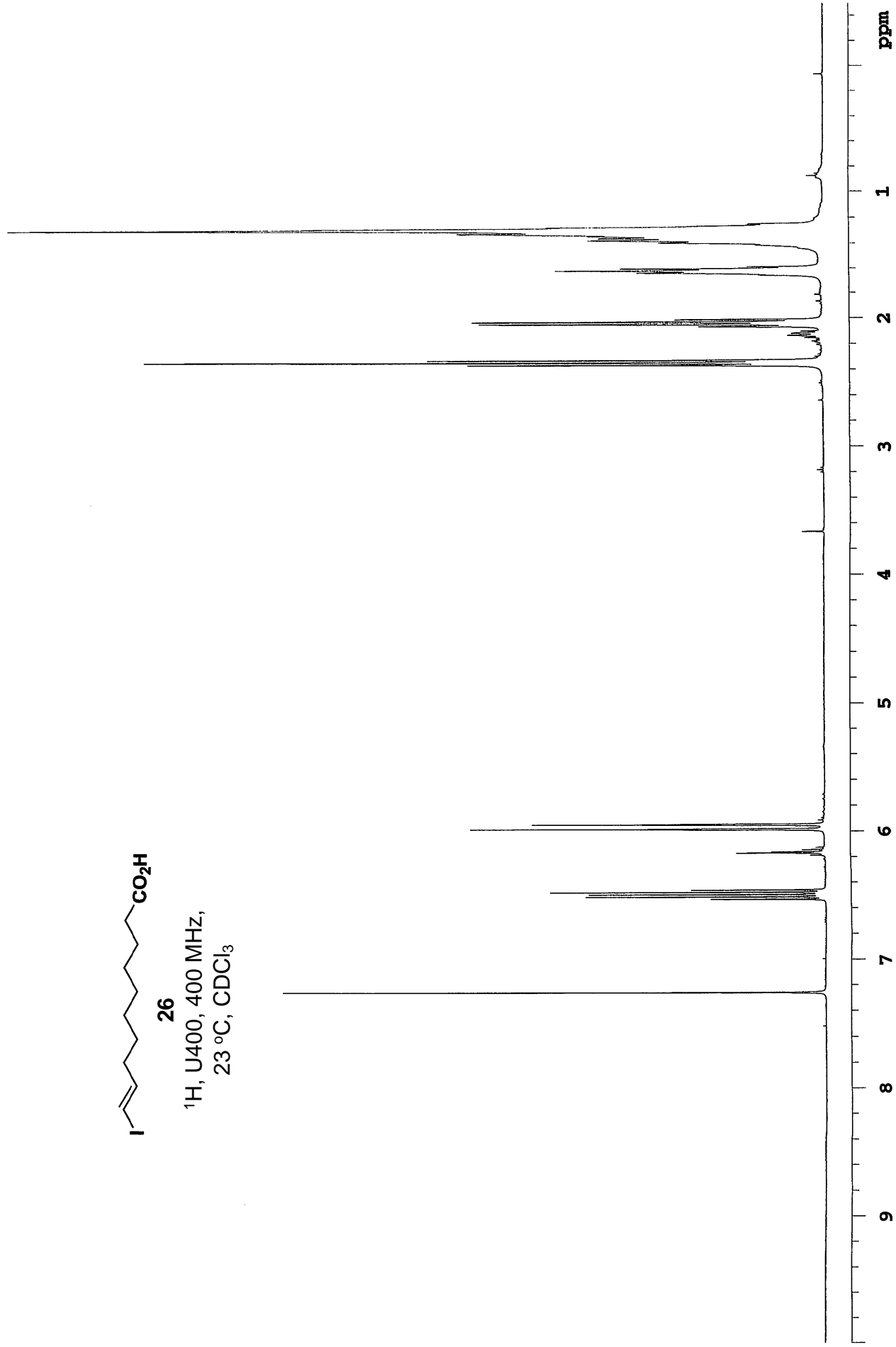
^{13}C , VXR500, 125 MHz,
23 °C, acetone- d_6





26

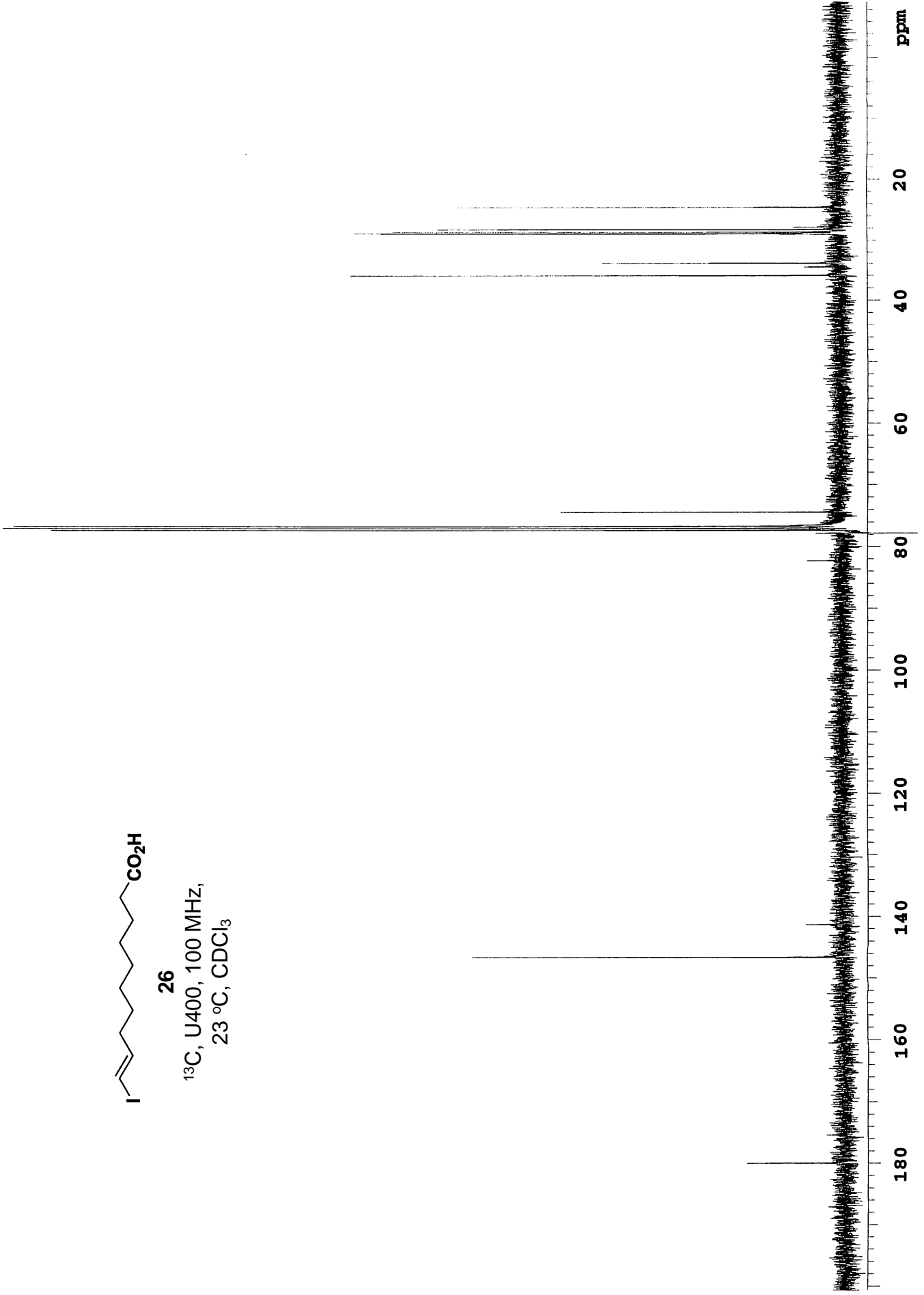
¹H, U400, 400 MHz,
23 °C, CDCl₃





26

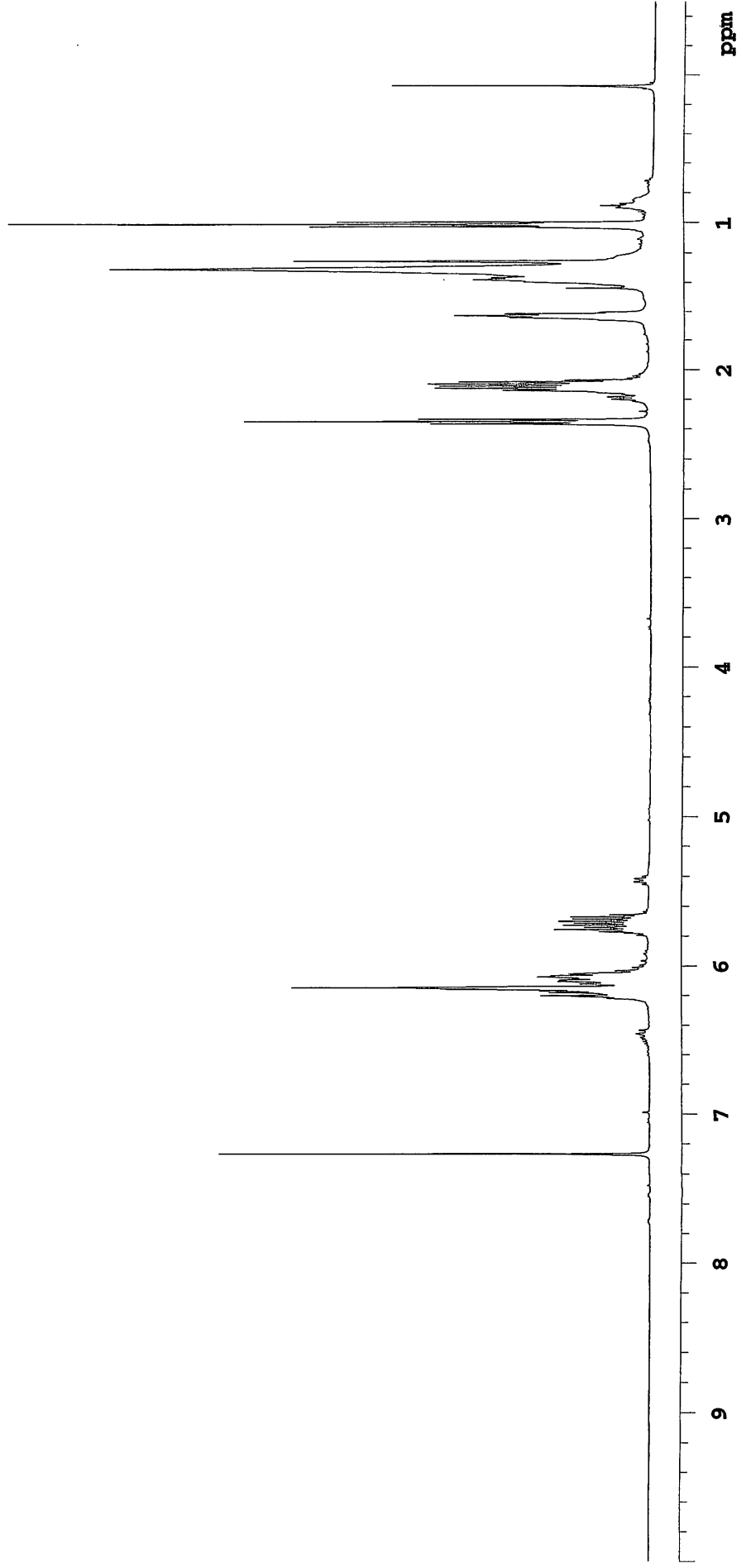
^{13}C , U400, 100 MHz,
23 °C, CDCl_3





27

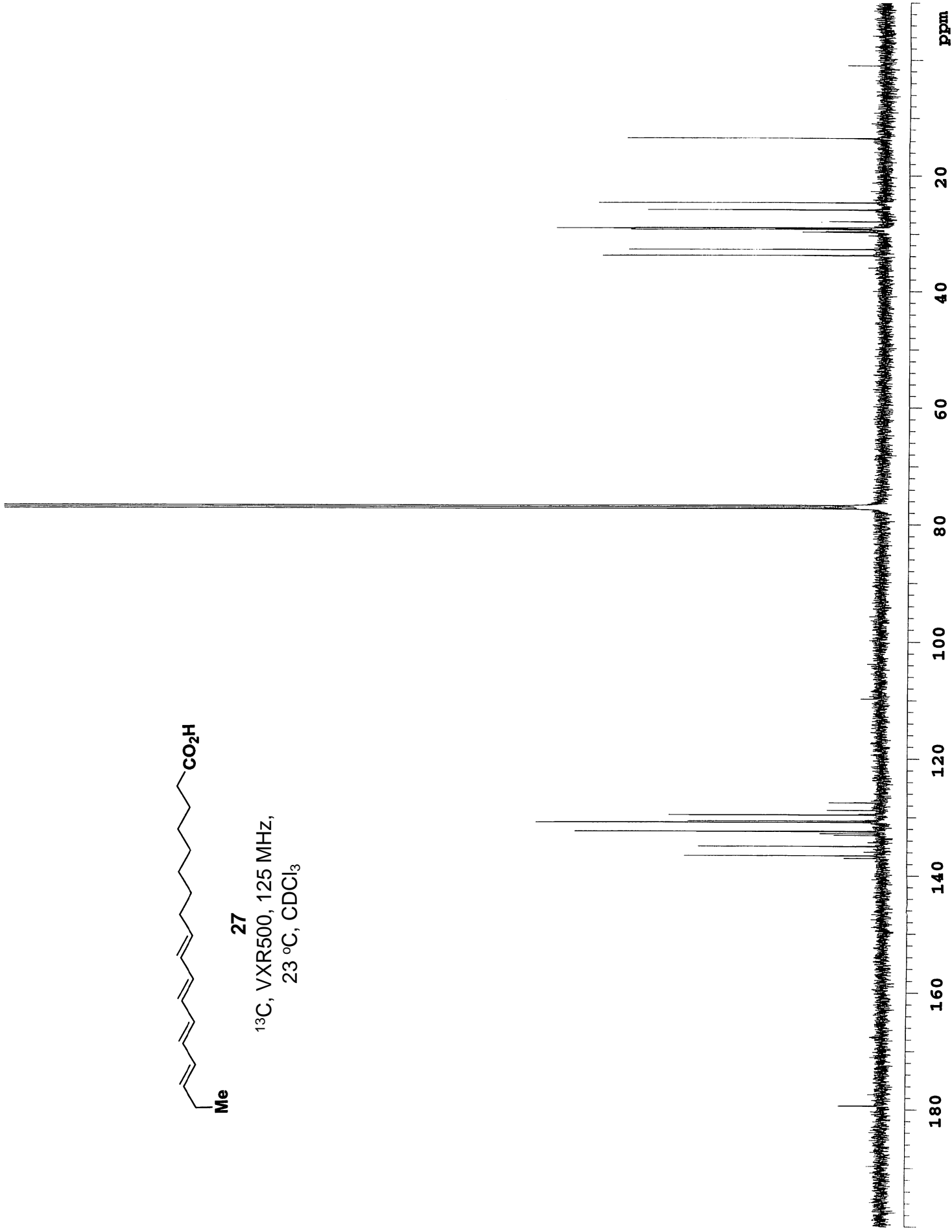
¹H, VXR500, 500 MHz,
23 °C, CDCl₃





27

¹³C, VXR500, 125 MHz,
23 °C, CDCl₃



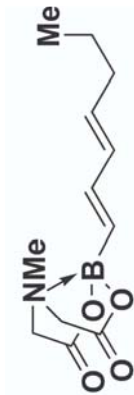
LSJI-20

exp1 s2pul

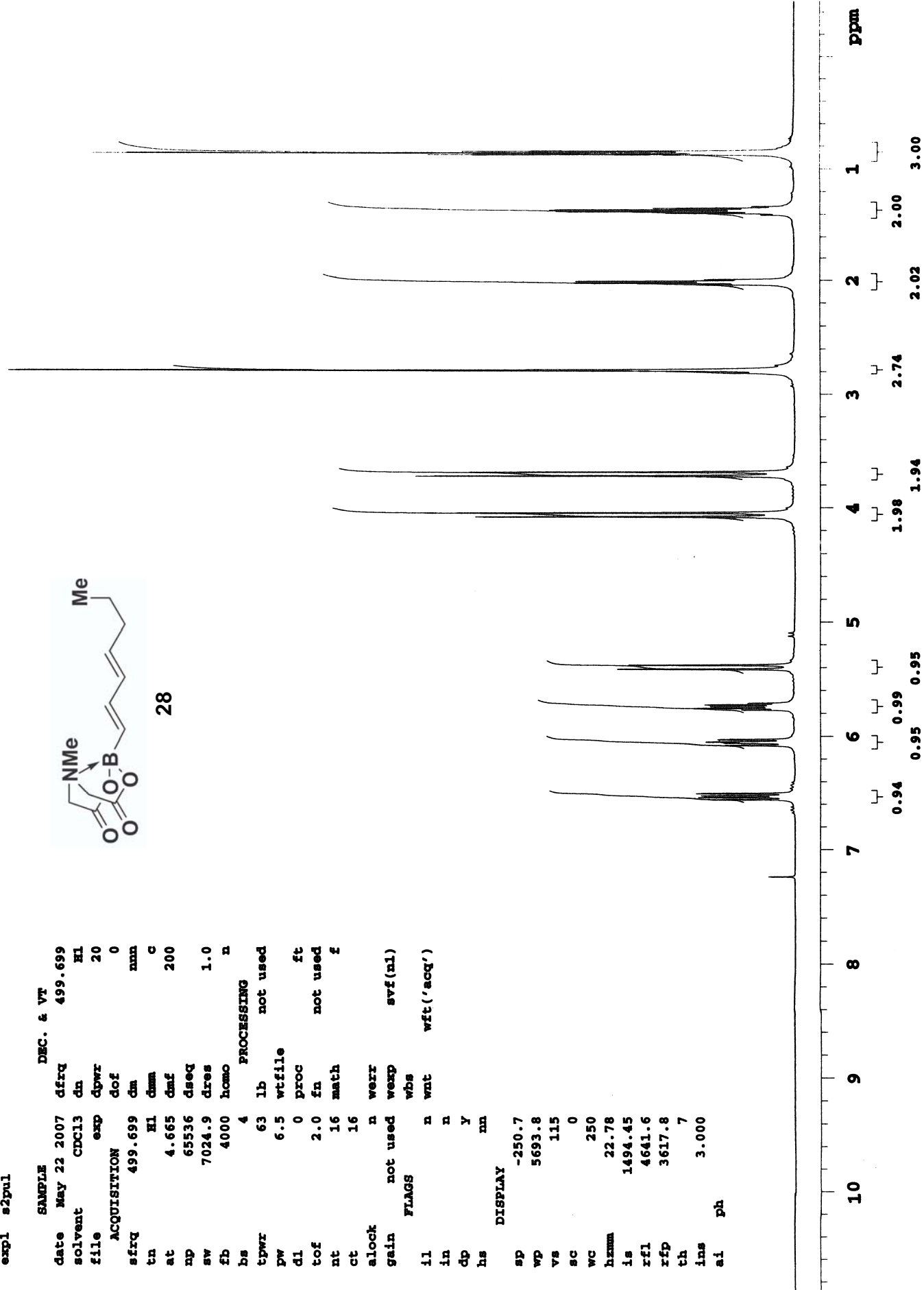
```

SAMPLE          DEC. & VT
date  May 22 2007  dfrq  499.699
solvent  CDC13  dn      H1
file     exp  dpwr  20
ACQUISITION  dof      0
sfrq      499.699  dm      nnn
tn         H1  dnm      c
at         4.665  dmf      200
xp         65536  dseq
sw         7024.9  dres      1.0
fb         4000  homo      n
bs         4      PROCESSING
tpwr      63  lb      not used
pw        6.5  wtfile
dl         0  proc      ft
tof        2.0  fn      not used
nt         16  math      f
ct         16
alock      n  weir
gain      not used  wexp  svf(ml)
FLAGS      wbs
il         n  wnt      wft('acq')
in         n
dp         y
hs         nn
DISPLAY
sp        -250.7
vp        5693.8
vs         115
sc         0
wc         250
hzmm      22.78
is        1494.45
rf1       4641.6
rfp       3617.8
th         7
ims       3.000
ai        ph

```



28



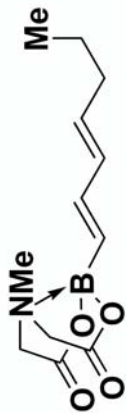
10 9 8 7 6 5 4 3 2 1 ppm

0.94 0.95 0.95 1.94 1.98 2.02 2.74 2.00 3.00

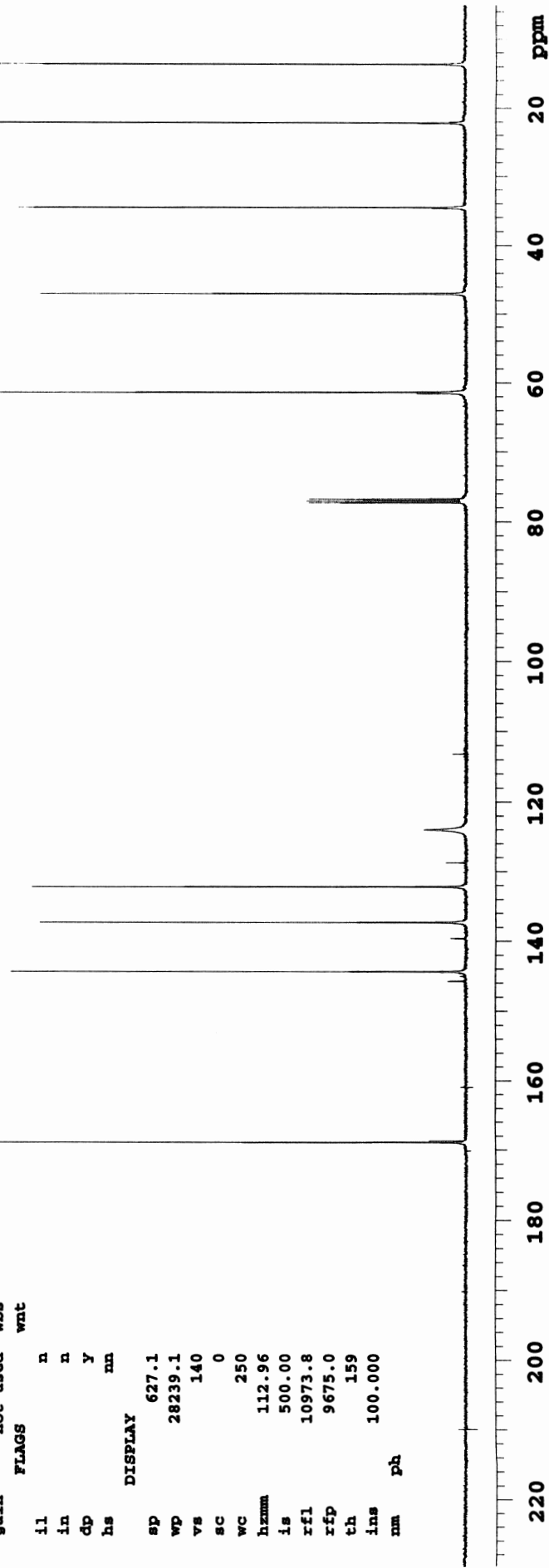
LSJI-20-13C

exp1 s2pul

SAMPLE		DEC. & VT	
date	May 22 2007	dfrq	499.698
solvent	CDCl3	dn	H1
file	exp	dpwr	44
ACQUISITION		dof	-827.6
sfrq	125.663	dm	yyy
tn	C13	dmm	w
at	1.086	dmf	12000
np	65536	dseq	
sw	30165.9	dres	90.0
fb	16600	homo	n
bs	16	PROCESSING	
ss	1	lb	1.00
tpwr	53	wtfile	
pw	6.0	proc	ft
dl	1.000	fn	not used
tof	1884.7	math	f
nt	2000		
ct	1553	weir	
alock	n	wexp	
gain	not used	wbs	
FLAGS		wnt	
il	n		
in	n		
dp	y		
hs	nn		
DISPLAY			
sp	627.1		
wp	28239.1		
vs	140		
sc	0		
wc	250		
hzmm	112.96		
is	500.00		
rfl	10973.8		
rfp	9675.0		
th	159		
ins	100.000		
nm	ph		



28

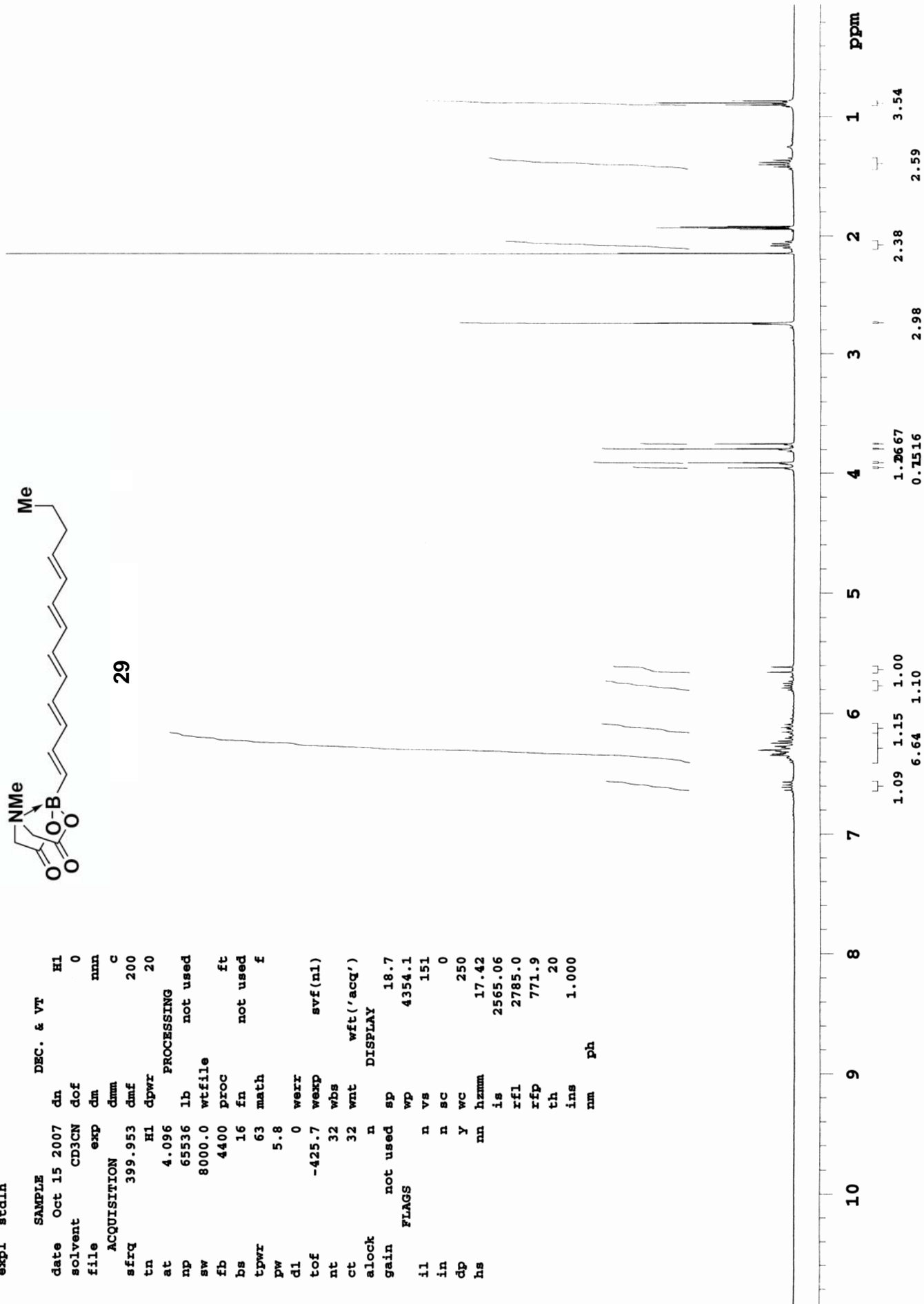


LSJII-15

expl stdlh

date	Oct 15 2007	dn	H1
solvent	CD3CN	dof	0
file	exp	dm	nnn
		dmm	c
sfrq	399.953	dmf	200
tn	H1	dpwr	20
at	4.096	PROCESSING	
np	65536	lb	not used
sw	8000.0	wtfile	
fb	4400	proc	ft
bs	16	fn	not used
tpwr	63	math	f
pw	5.8		
d1	0	werr	
tof	-425.7	wexp	svf(nl)
nt	32	wbs	
ct	32	wnt	wft('acq')
alock	n	DISPLAY	
gain	not used	sp	18.7
FLAGS		wp	4354.1
il	n	vs	151
in	n	sc	0
dp	y	wc	250
hs	nn	hzmm	17.42
		is	2565.06
		rfl	2785.0
		rfp	771.9
		th	20
		ins	1.000
		nm	ph

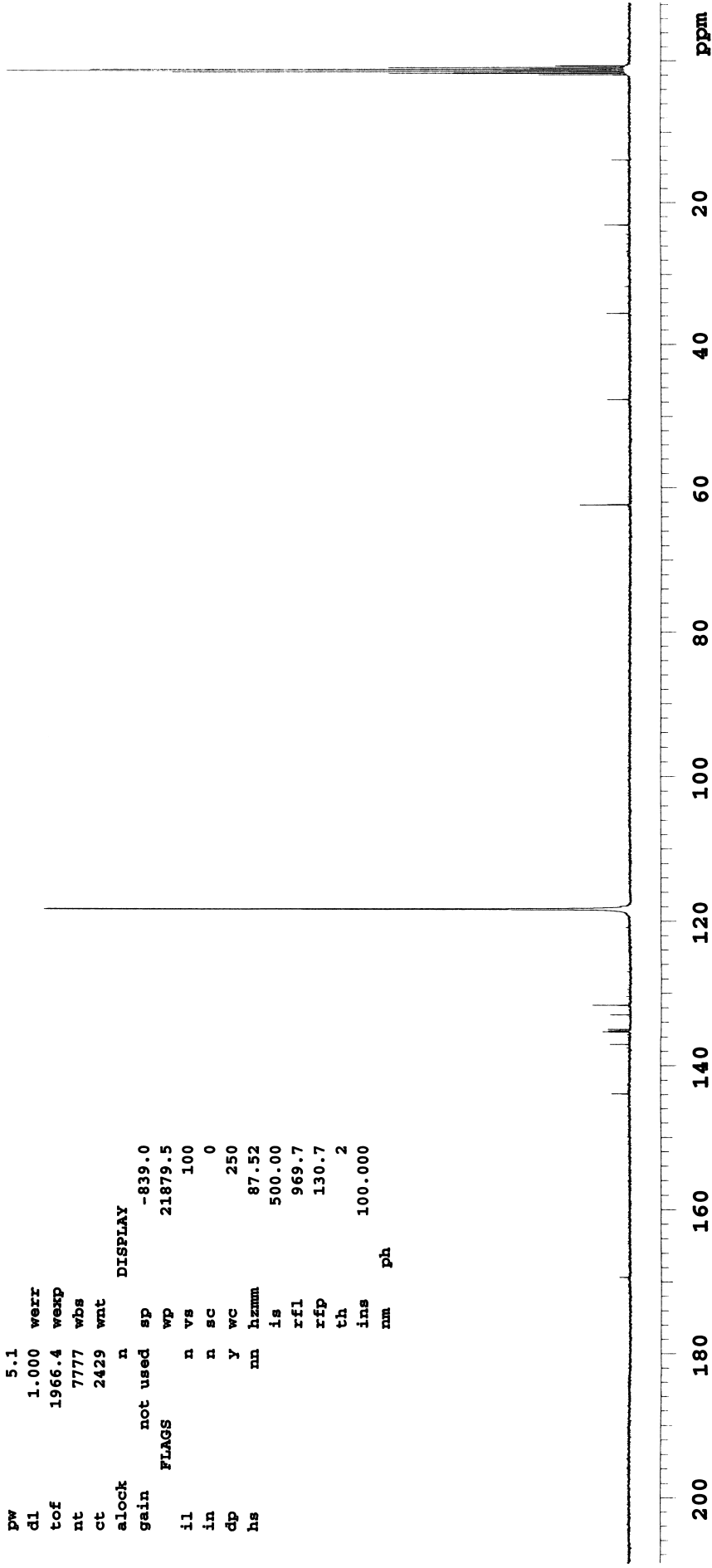
29

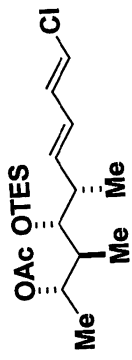


LSJII-15-13C

expl std13c

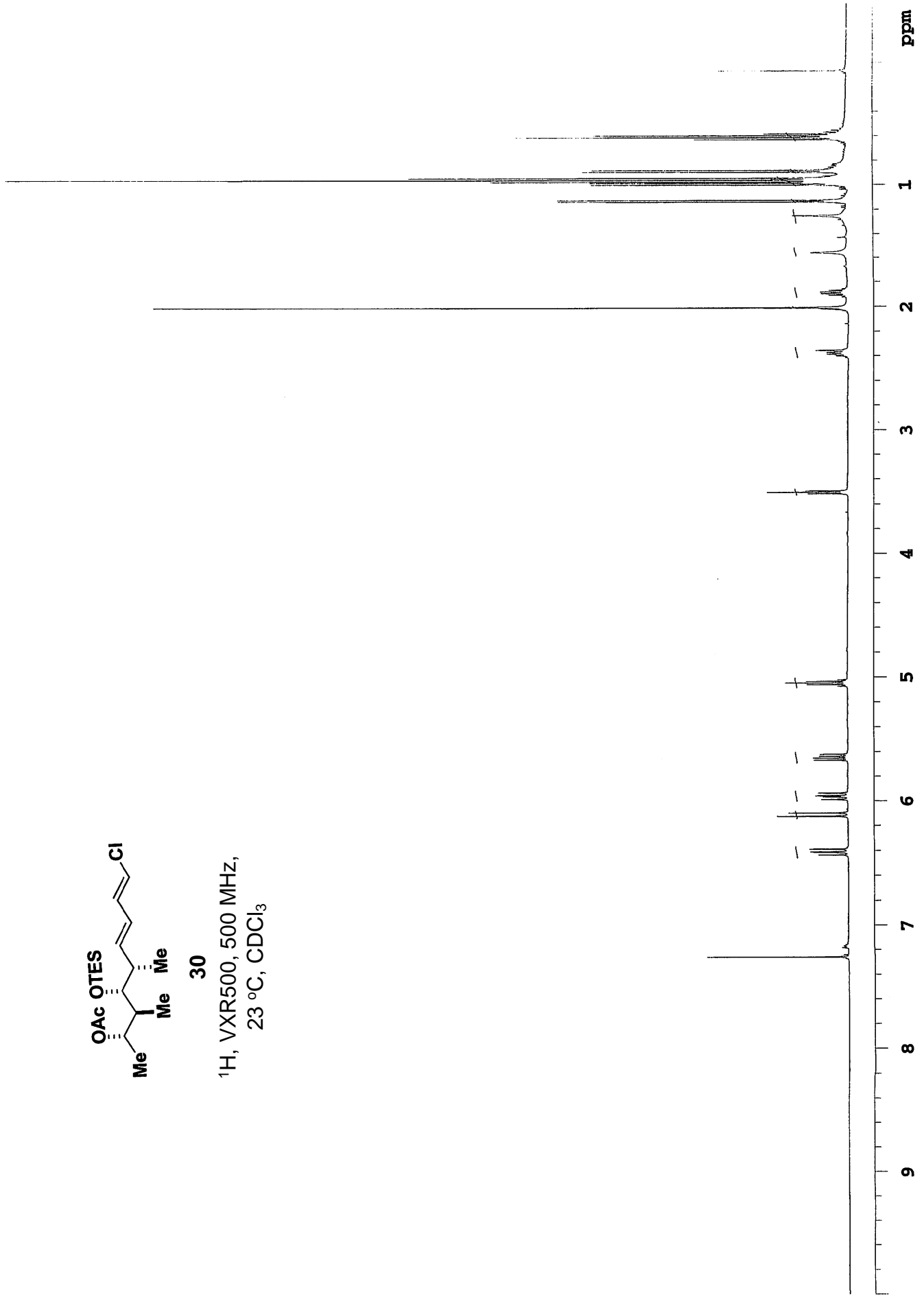
SAMPLE	DEC. & VT
date Oct 14 2007	dn H1
solvent CD3CN	dof -1092.3
file	exp dm YYY
ACQUISITION	
sfrq 100.579	dmf 13889
tn	C13 dpwr 48
at	1.311 PROCESSING
np	65536 lb 1.00
sw	25000.0 wtfile
fb	13800 proc ft
bs	16 fn not used
tpwr	54 math f
pw	5.1
dl	1.000 werr
tof	1966.4 wexp
nt	7777 wbs
ct	2429 wnt
alock	n DISPLAY
gain	not used sp -839.0
FLAGS	wp 21879.5
il	n vs 100
in	n sc 0
dp	y wc 250
hs	nn hznm 87.52
	is 500.00
	rfl 969.7
	rfp 130.7
	th 2
	ins 100.000
	nm ph

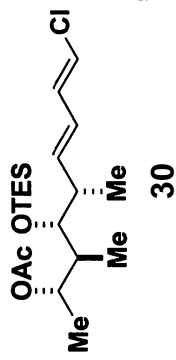




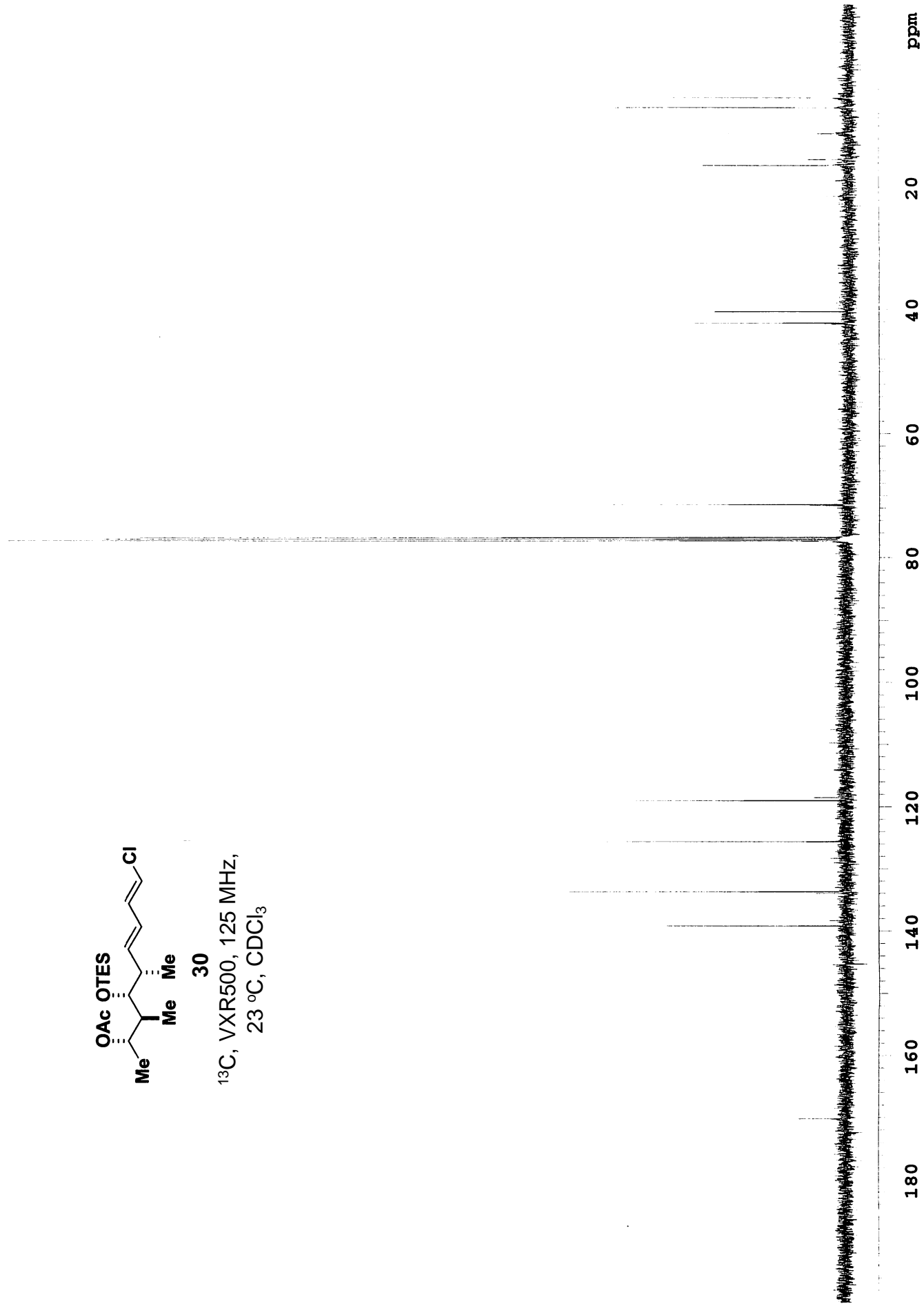
30

^1H , VXR500, 500 MHz,
23 °C, CDCl_3





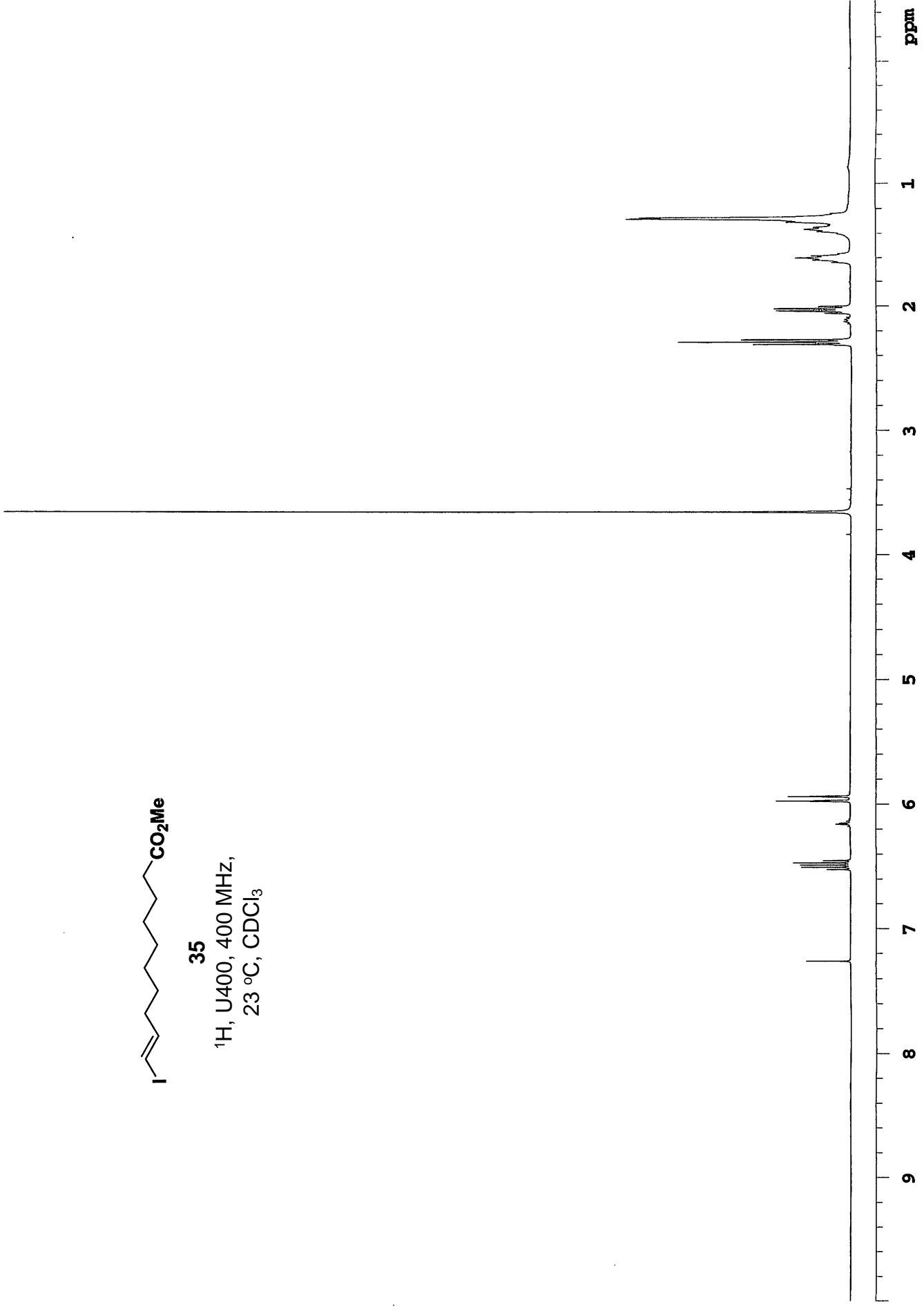
^{13}C , VXR500, 125 MHz,
23 °C, CDCl_3





35

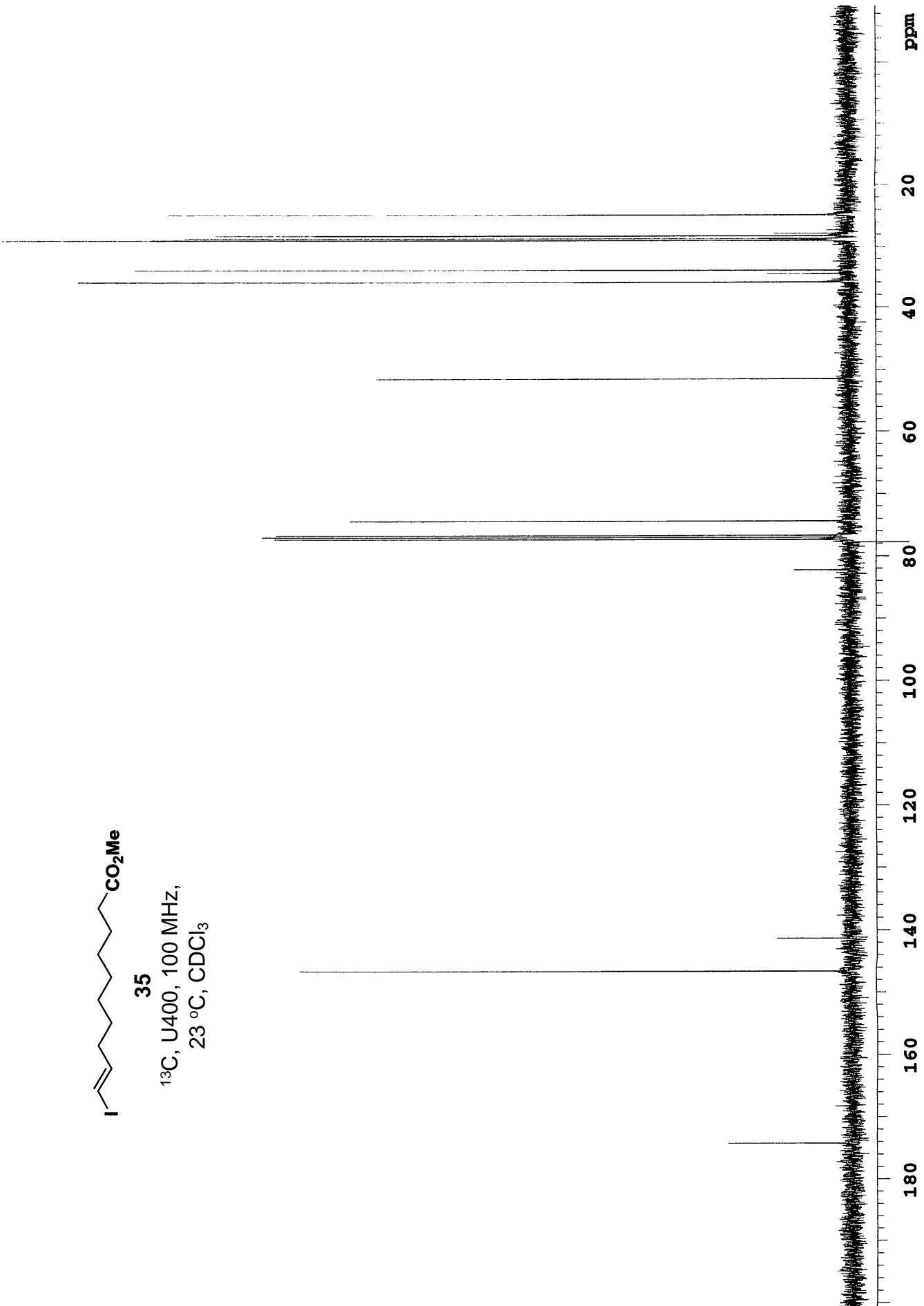
^1H , U400, 400 MHz,
23 °C, CDCl_3

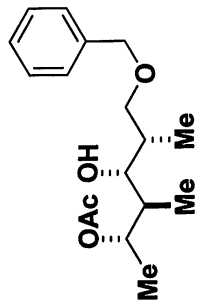




35

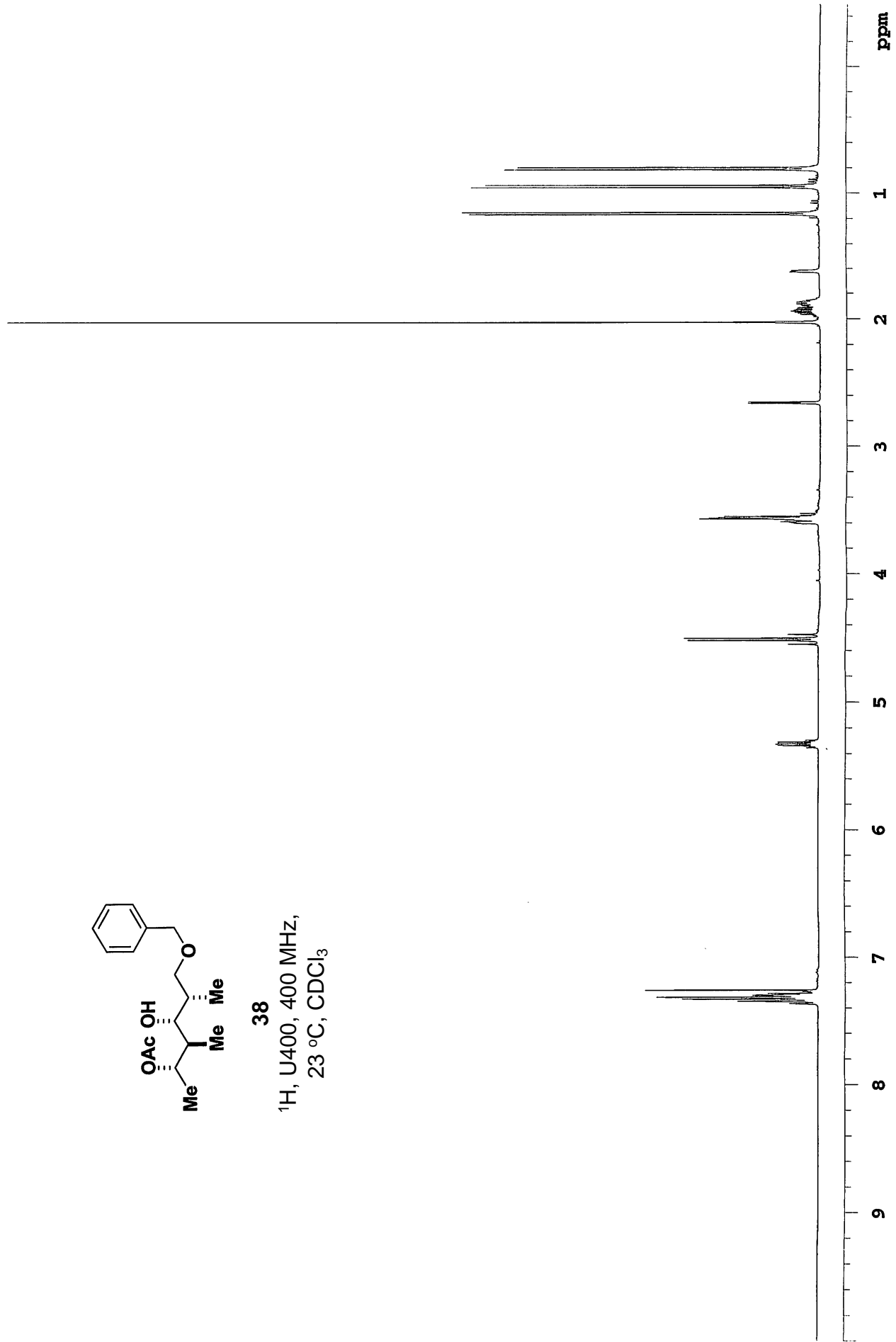
^{13}C , U400, 100 MHz,
23 °C, CDCl_3

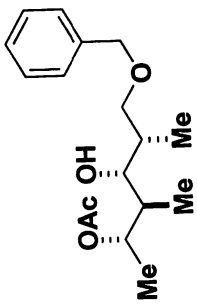




38

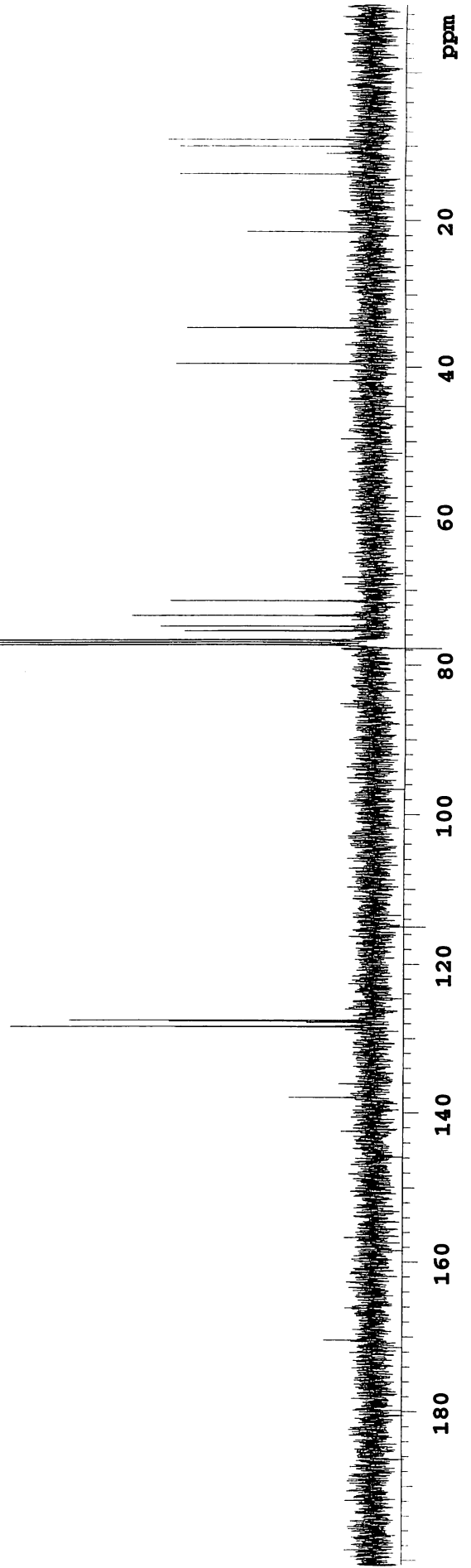
^1H , U400, 400 MHz,
23 °C, CDCl_3

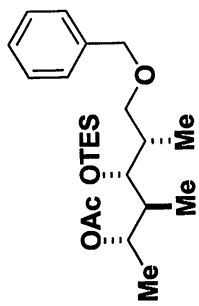




38

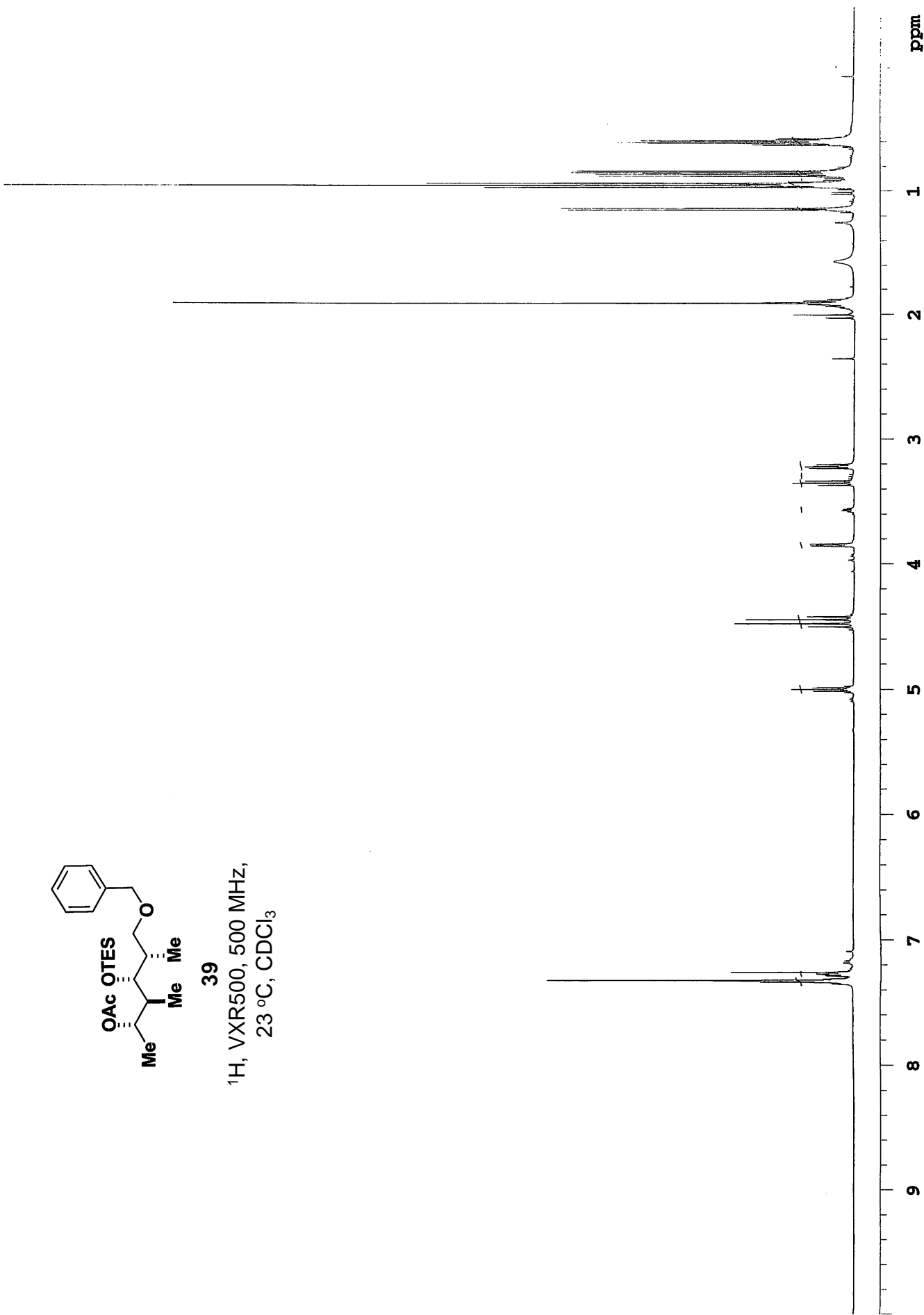
^{13}C , U400, 100 MHz,
23 °C, CDCl_3

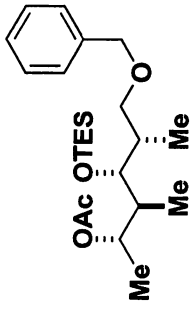




39

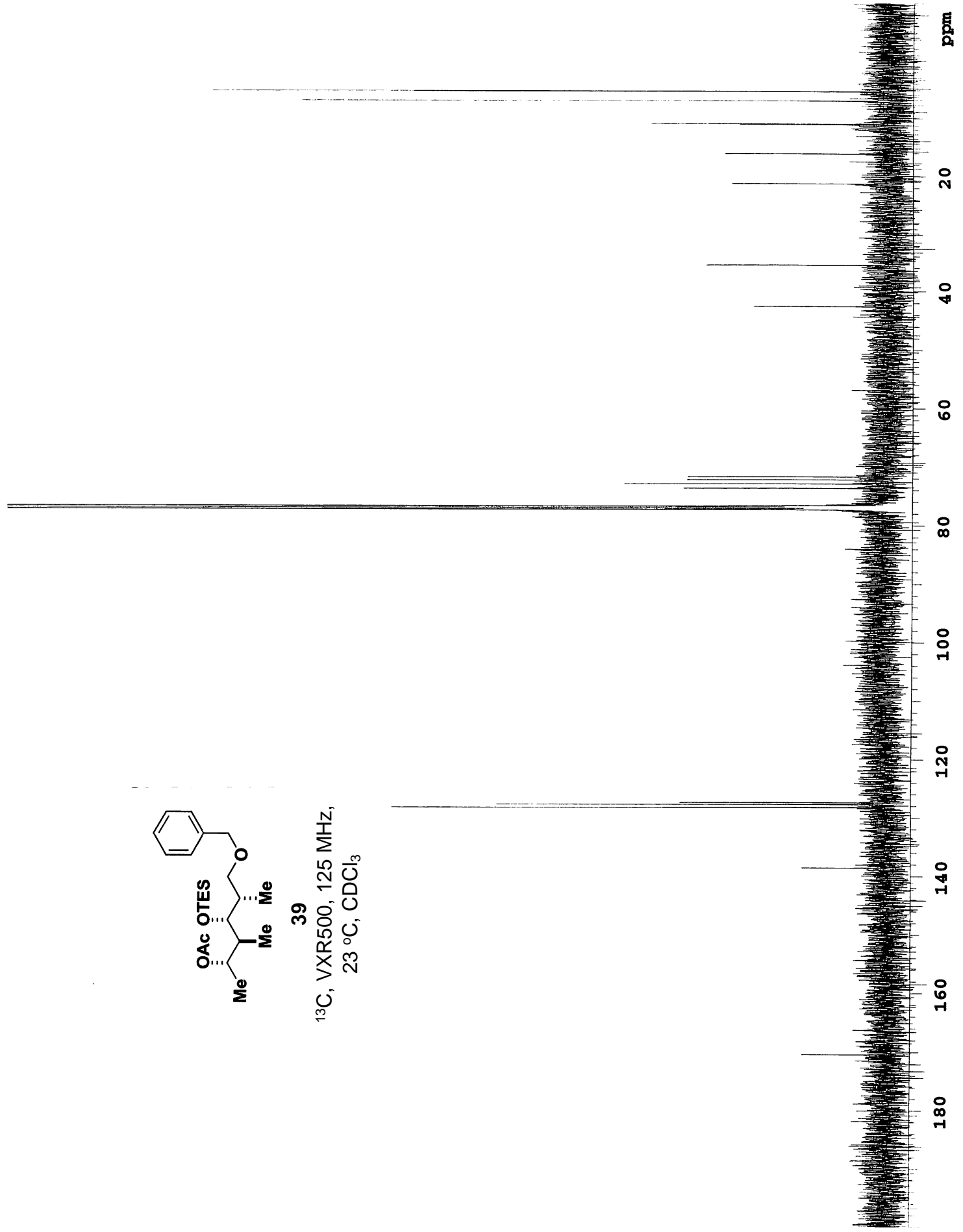
^1H , VXR500, 500 MHz,
23 °C, CDCl_3

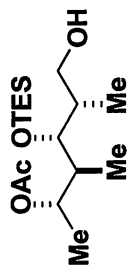




39

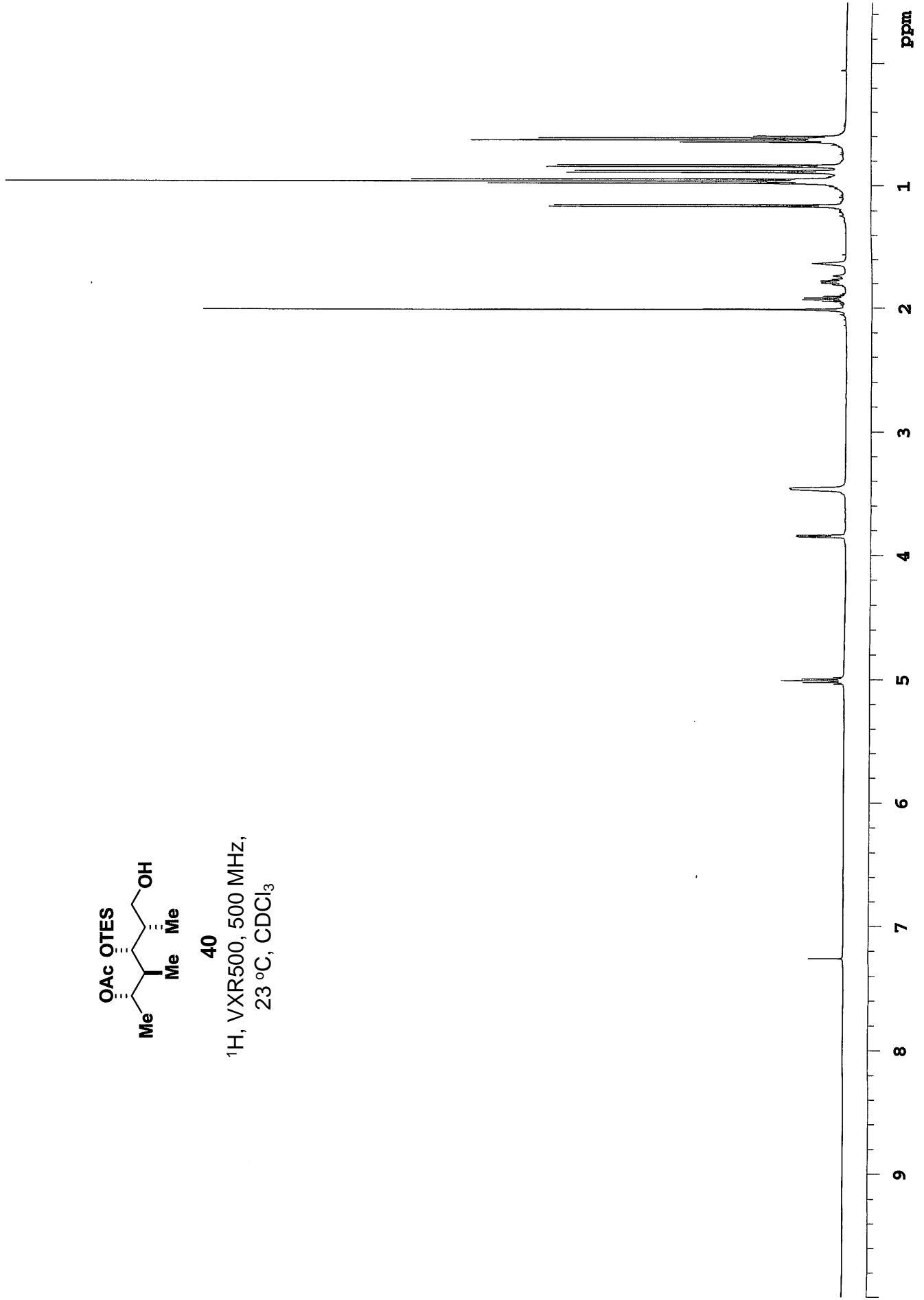
^{13}C , VXR500, 125 MHz,
23 °C, CDCl_3

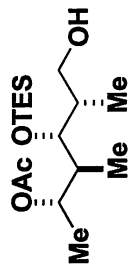




40

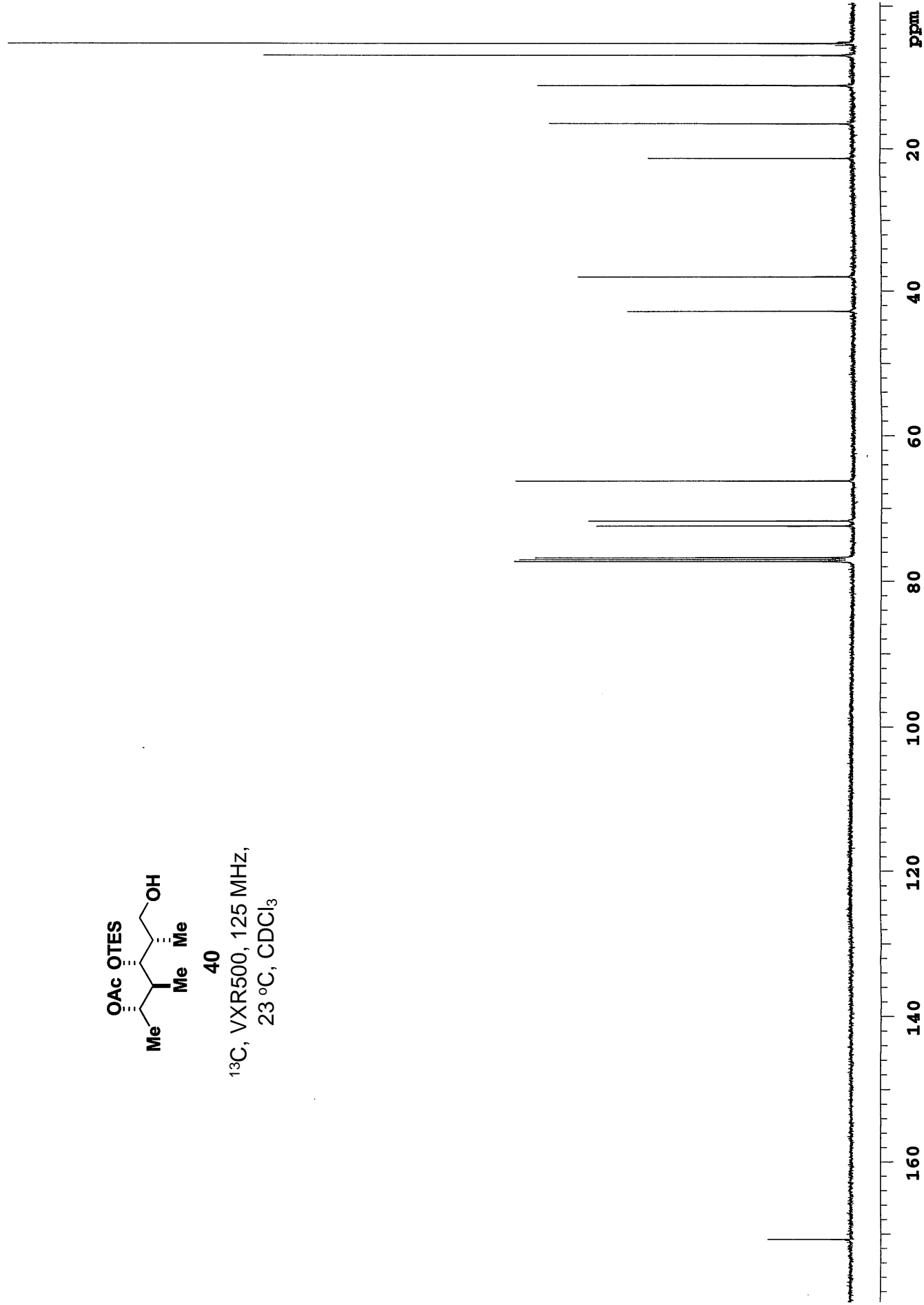
^1H , VXR500, 500 MHz,
23 °C, CDCl_3

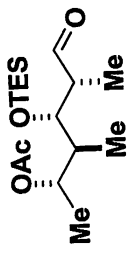




40

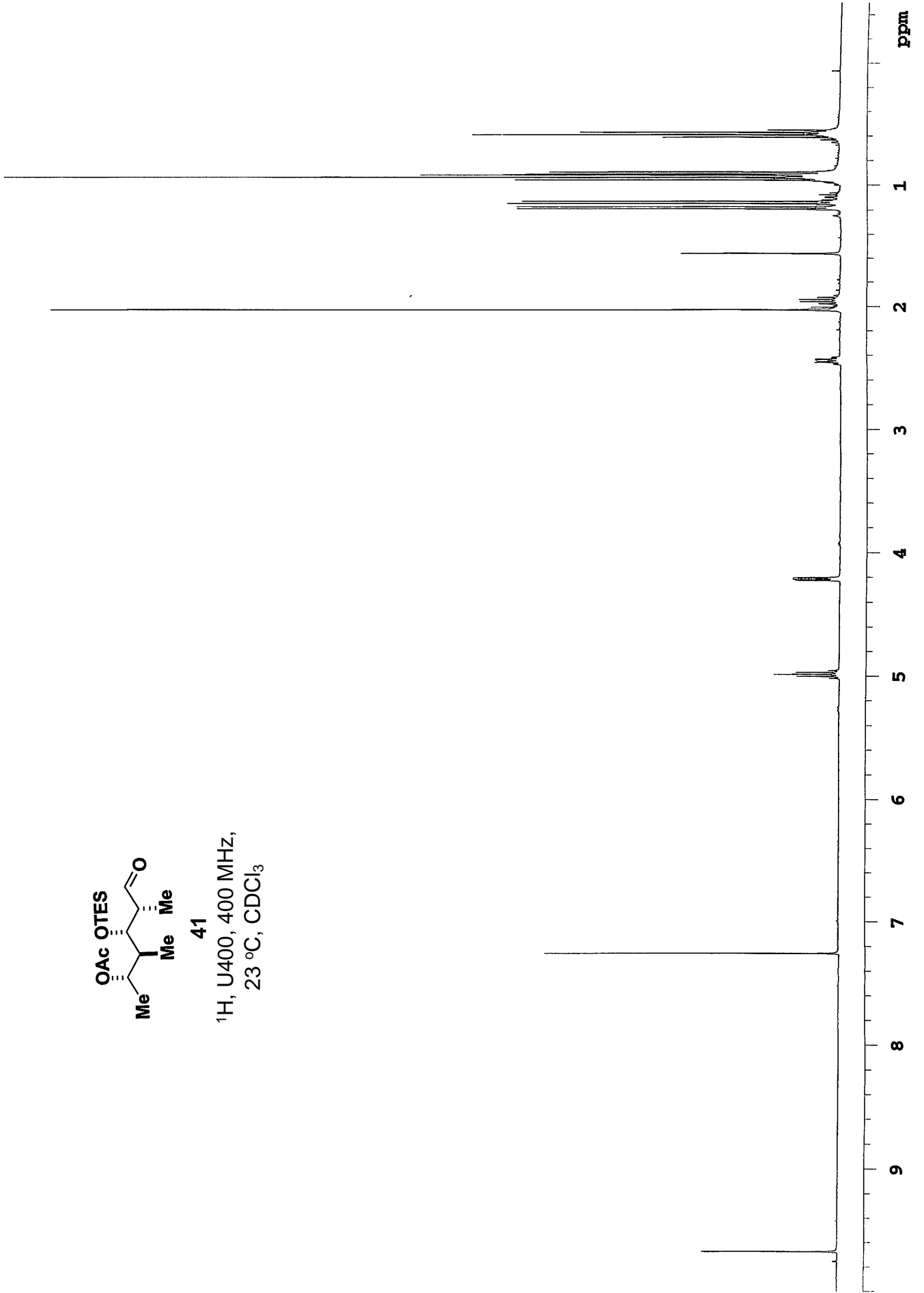
¹³C, VXR500, 125 MHz,
23 °C, CDCl₃

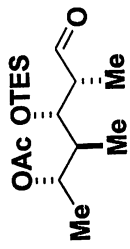




41

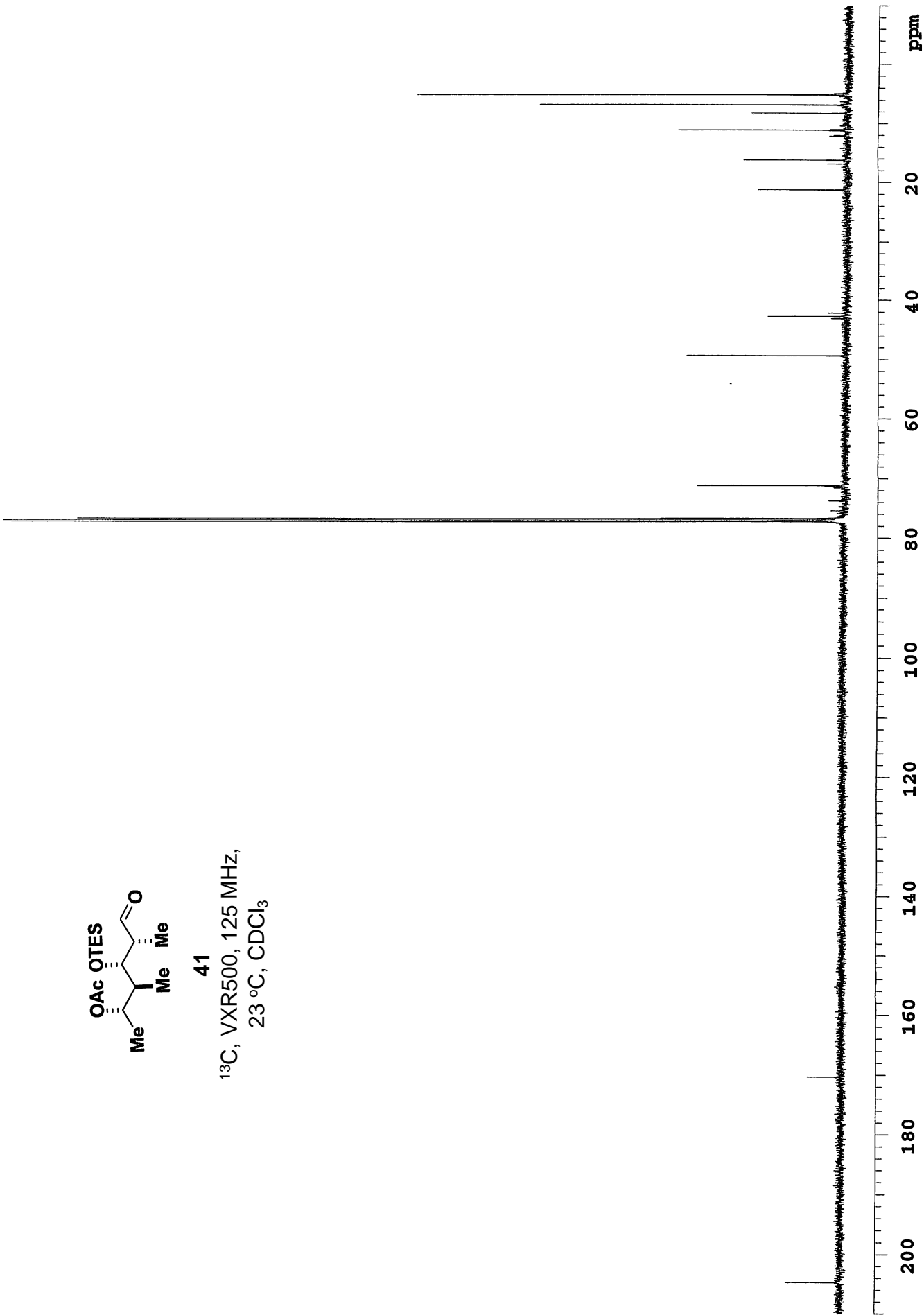
¹H, U400, 400 MHz,
23 °C, CDCl₃

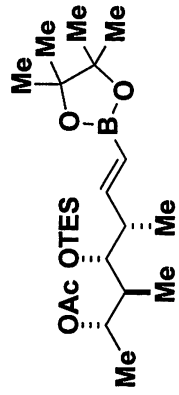




41

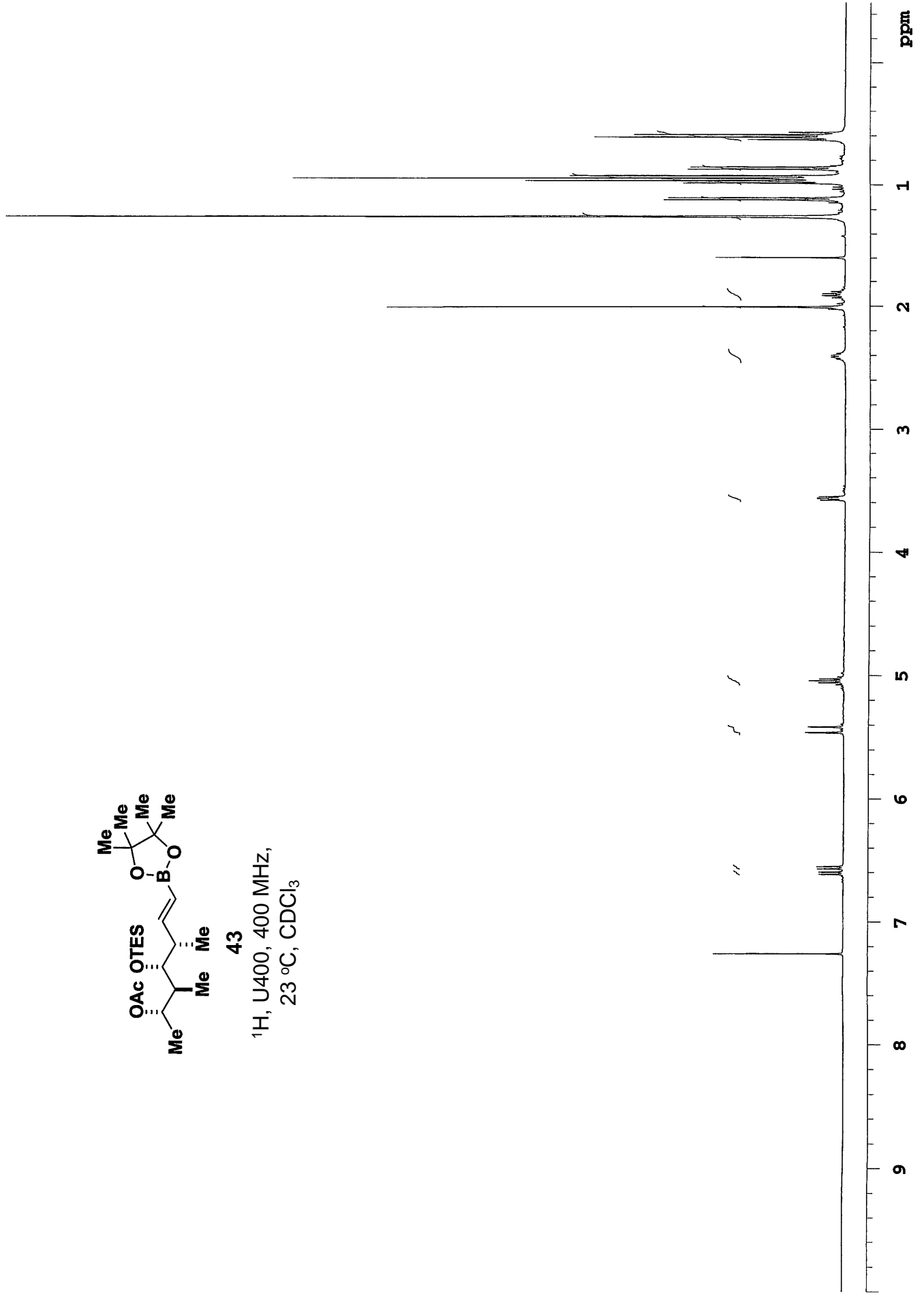
^{13}C , VXR500, 125 MHz,
23 °C, CDCl_3

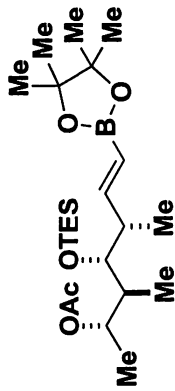




43

^1H , U400, 400 MHz,
23 °C, CDCl_3





43

^{13}C , U400, 100 MHz,
23 °C, CDCl_3

